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Lancaster Farming

Vol. III. No. 40. Quarryville (Lancaster County) Pa., Friday, Aug. 15, 1958 $2 Per Year

Tobacco Harvest Begins In County; Weather Helpful

Tobacco harvest was speeded up considerably this week by the favorable weather early in the week The temperature continued high, but much of the time the skies were overcast which lessened the danger of sunburn as the tobacco was being harvested.

Reports from many parts of the county indicate that the tobacco is generally of good size and quality. Dry weather during the past weeks has done much to remove some of the excess moisture from the stalks which are of abnormally large size this year.

Mr Jerry Sellers, who farms tobacco on the farm of Lloyd Harnish, Lancaster R6, says his tobacco is the heaviest he has ever produced. Planted on the 5th of June, the tobacco started well and made good use of the moist, hot weather during June and July.

"Our tobacco is so large this year that we have to spear most of it four stalks to the lath" Sellers said. Asked about his opinion on how the tobacco would cure, Sellers felt that unless the weather should turn extremely damp during the next few days, the tobacco should start to cure well. "It was ripe, and I thought it should be cut," he said

One of the first to harvest tobacco in the county this year was Richard Haddon, Quarryville R1, whose crop went into the barn on July 29. "That is the earliest date we ever harvested tobacco," Haddon reported. His crop is beginning to cure with no sign of damage from pole burn.

While much of the County's crop is ready or nearing ripeness, there are fields in which the tobacco is not much more than half grown. Wet weather which delayed planting on some farms, and a short dry spell just after planting on some others accounts for part of the delay. From all appearances, tobacco harvest will continue well into September.

HOT, MOIST WEATHER pushed tobacco harvest on some Lancaster county far msthis past week. Carl G. Harnish, left and Jerry Sellers are shown with some of their tobacco crop grown on the Farm of J. Lloyd Harnish, Lancaster R6, father of Carl. Mr. Harnish, whose main business is broilers, (6,000 per batch) says that this is one of the heaviest tobacco crops ever grown on the farm. (LF Photo)

Judging Teams Bring Ribbons To Lancaster Co.

Lancaster County 4-H teams turned in wins again this week at the annual summer convention at Penn State Bringing home first prize for individual high score in Livestock judging was Wayne Miller, Mt Joy, who garnered a total of 429 points.

Wilbur Hosler, Manheim R3, helped the team effort along with a second place in individual scoring The other member of the team, which placed second in team competition with 1,227 points was Darvin Boyd, Ephrata, R1 York County took first honors with 1,236 points

York County beat out the local competitors again in Swine judging by a score of 1,036 to 997. In the individual scoring, Donald Herr, Refton, was fourth while Donald Wiggins, Millersville placed fifth in statewide competition

Kenneth Porter, Washington Boro, who placed third in individual scoring, and Paul Schantz, Ephrata, who was fifth, were helped by Janice Showalter. Reinholds, to score a total of 1,411 points That score, however, came in only a close second to Bradford County's 1,415 points.

The dairy demonstration team took third place behind teams from Blair and Crawford counties

Flower judges from Northampton, Montgomery, and Butler counties edged the local flower judging team into fourth place.

The Vegetable judging team was in eighth place. Winner was Clearfield county.

The Lancaster County delegation is slated to return to the county on Thursday.

Keep Spraying For Late Blight; Potato Growers are Cautioned

Keep a close watch for late blight in Tomato and Potato fields, was the warning of Dr. C. F. Taylor, Extension Plant Pathologist at the Pennsylvania State University, to the more than 100 potato growers and their families who made up the joint York, Lancaster County Potato tour on Tuesday.

"Late blight has been seen in some fields in Lancaster County" Taylor said, "It is not serious at present, but keep spraying with the recommended materials." He was very emphatic in stressing the use of recommended materials and thorough application.

Taylor also recommended the use of Chemical vine killers 10 days to two weeks before harvest. "This", he said, "Will help to destroy blight spores before the tubers become infected in storage"

Harry Sloat, Associate County Agent, who was in charge of the tour introduced Dr. John O. Pepper, Extension Entomologist at the Pennsylvania State University.

Dr. Pepper was of the opinion that most early potatoes have made sufficient growth that insecticides applied at this time would not be economically warrented. However, on late potatoes he cautioned the growers to keep a watch for aphids, flea beetles, and leaf hoppers "One of the phosphate materials, such as Parathion, will control all of these, and if aphids are not present, DDT will control the other two" he said.

"Get your soil sample tested now," was the advice of Elmer Peifer, Extension Agronomist at the University. During the Fall, the soil testing laboratory has a slack season and returns can be had much quicker. A soil test now will give the farmer time to order his fertilizer early to take advantage of price reductions. Soil test kits are available from the County Agent.

Peifer also stressed the use of vine killers. "They can be used", he said "To control tuber size" A tuber of about two and one-half to three inches is considered most desirable for table use.

Peifer also recommended the use of chemicals to control sprouting of the tubers in storage. The most commonly used preparation is Maleic Hydrazide (MH 30) This compound should be available in Lancaster County since it is also recommended for use in preventing the growth of tobacco suckers The growers were cautioned, however, not to use MH 30 on any potatoes they planned to use for seed.

York County Agent, John Smith and about 35 visitors from York County were part of the group which toured the farms of the following growers in the morning· Robert Herr, Lancaster R2; Clyde K Eshleman, Washington Boro; Jay Stauffer and Guy Eshleman, Lancaster R2; Levi H. and Aaron Brubaker, Rohrerstown.

After a picnic lunch at Long's Park, the group continued to the farms of John Cope, Manheim R1; David Nissley, Manheim R1, Stanley Carpenter, Manheim R1; Noah Kreider and Sons Manheim R3, Clarence Keener and Sons, Manheim R3, and The Masonic Homes Farms, Elizabethtown.

Donegal 4-H Club Plays Host to Illinois Visitors

The Donegal Community 4-H club played host to a group of 4H club members and their leaders from Kendall County, Illinois at a meeting last Friday evening.

The theme of the meeting was, "A Pennsylvania Dutch Party". As the guests arrived they were given a miniature Hex sign with a space on the back for autographs.

In following the theme, Judy Ginder, Florin, and Fred Bernhard Mt. Joy, presented an Amish skit, entitled "How To Make Ice Cream".

Talks by M M. Smith, Lancaster County Agent and Mr. Jacobs, Adult leader of the visiting group concerning community club work in the two states were given during the refreshment period.

Traditionally Pa. Dutch refreshments consisted of home made ice cream, pretzles, and iced tea.

The meeting was closed by a candle light service, and group singing.

A combination swimming party and slumber party to be held at Mt Gretna on Aug. 18 is the next activity planned by the club

Fertilizer Helps Even Rich Soil

It isn't always wasteful to fertilize land that will yield more than 100 bushels of corn per acre without fertilizer, according to research by A. C. Caldwell, soils scientist, and John Thompson, agronomist, of the University of Minnesota

Tests showed applying fertilizer on land that produced 138 bushels could still boost yields by 21 bushels, to 159 per acre.

Natl. Guernsey Show Set For Sales Pavilion

The 9th annual Guernsey show to be held at the Guernsey Sale Pavilion, Lincoln Highway East, will attract the top guernseys in the nation, reports Pennsylvania Golden Guernsey News.

K. C. Sly, manager of McDonald Farms, Cortland will do the judging.

Numerous trophies which have to be won three times for permanent possession will be up for competition.

The sho wwill start promptly at 9 a.m. Aug 26

District Black and White Show Draws 117 Head of Holstein Cattle

Holstein dairymen showed a total of 117 head of fine cattle at the annual Southeastern Pennsylvania District Black and White Show at the Southeastern Artificial Breeding Cooperative barns on August 8. The coveted grand champion rosette was captured by Wightwick Glenafton Rachel, top cow in the herd of Mowery Frey, Lancaster R 7. The champion earlier in the day had been named senior champion of the show. The best she could do in competition at the 7th annual Southeastern Artificial Breeding Cooperative Show the previous day was to place second in her class, being beaten by Caernarvon Bess Ruby, owned and showed by John M. Umble, Atglen R1.

Junior champion of the show was Penn Springs Regal Dandy, a senior heifer owned by Robert H. Kauffman, Landisville.

The event which was held in conjunction with the Lancaster County 4-H dairy show drew a crowd of about 500.

Chairman of the show committee was Clarence E. Lyons, Lancaster, State Director of the Pennsylvania Holstein Association The judge was John Morris, College Park, Maryland

Winners at the show were

Junior Heifer Calf—1. George A Rutt Jr, Stevens, 2 Robert H Kauffman, Landisville, 3 Glenn Miller, York County Senior Heifer Calf—1 Kauffman (Junior champion) 2. Donald L. Hershey, Manheim; 3. David D. Zimmerman, Manheim.

Junior Yearling Heifer — 1. Mowery Frey Jr., Lancaster R7; 2. Rutt; 3. Richard K. Geyer, Willow Street R2. Senior Yearling Mistress—1. J. Glenn Hess, Washington Boro; 2. John D. Zimmerman, Manheim; 3. Richard Hess, Strasburg.

Two-Year-Old Heifer — (Milking)—1. Kauffman; 2. John M. Umble, Atglen R1; 3. Donald Welk, Strasburg; (Dry) 1. Glenn Miller, Thomasville, York County; 2 Umble; 3. Umble. Three-Year-Old Cow—1. Hill Girt Farm, Chadds Ford; 2. Herbert and Rhelda Royer, Lancaster R5; 3. Kauffman Four Year-Old Cow — 1. Joyce McAvoy, Phoenixville; 2 Umble, 3. Mary B. Stoltzfus, Morgantown

Aged Cow—1. Frey (Senior and Grand Champion) 2 Umble; 3 Stoltzfus. Junior Yearling Bull —1 Miller (Champion); 2. Robert E. Gitt, Littletown, Adams County Junior Bull Calf—1. Jack Sunday, Carlisle, Best Udder—1. Stoltzfus; 2 Frey, 3. McAvoy. Junior Get of Sire—1 Kauffman, Rutt and Hershey, 2 David S. Miller Senior Get of Sire—1. Stoltzfus, 2 Hill Girt, Hess and Kauffman, 3 Umble Produce of Dam—1 Miller, 2 Kauffman; 3. Rutt Best Three Female—1. Stoltzfus, 2 Kauffman, 3 Umble Dairy Herd—1 Stoltzfus, 2. Umble, 3 Hess

Broiler Market Continues Firm; Average 19.9 at Lancaster Auction

LANCASTER Aug 7 — Broiler prices at the Lancaster Poultry Exchange were slightly higher than a week ago with slightly fewer birds offered for sale A total of 73,200 broilers averaged 19 94 cents a pound

Only four lots of the 26 offered were withdrawn from the sale

Prices at the sale ranged from 19 to 22 cents a pound Eleven per cent of the sales were at 19 cents, two per cent at 19¼ cents 10 per cent at 19½ cents, 12 per cent at 19¾ cents, 46 per cent at 20 cents, six per cent at 20¼ cents three per cent at 20½ cents, three per cent at 20¾ cents, four per cent at 21 cents and three per cent at 22 cents.

One lot of 700 white rock hens sold for 17 cents and 1,030 head of light type hens selling in two lots moved at 15¾ cents A lot of 700 heavy fowl sold for 17 cents

A year ago the market moved 118,350 broilers at an average of 22 75 cents a pound Top price was 23¾ cents and the low was 22 cents.

Here is the Aug 7 sale by lot number, seller with grower in parenthesis, number and breed, age in weeks and days, buyer and price per pound

1. John B. Noll, 2,800 Vantress cross, 10-1, Roy E. Ream, 21 cents. 2 Allen E Moyer, 2,350 Vantress, 9-6, Daniel K Good, 20 cents 3. John K Curry & Sons (Edwin L Funck), 8,000 Vantress, 9, Allen Clark, 19 cents 4 Miller & Bushong Inc (Glaerne Hilsher), 4,000 Vantress, 92. Daniel K Good, 20 cents 5. M&B (Harold L. Brandt), 1,500 Vantress, 9-2, Daniel K Good, 19½ cents.

6 M&B (Carl Shirk), 6,000 Indian River White, 9-4, College Hill Poultry, 19½ cents 7. M&B (Jack H Michael), 8,900 Indian River White, no sale, 18¾ cents bid. 8 M&B (Jack H Michael), 2,000 Indian River White, 9-2, S E. Davis, 20 cents 9 M&B (Paul Livengood), 1,950 Vantress, 10-1, John N Thomas, 20¾ cents 10 M&B (Walter S Kinsey), 2,000 Vantress, 9-2 Daniel K Good, 20 cents

11 M&B (Joseph Bushey), 9,000 Vantress 9-3, College Hill, 19¾ cents 12 M&B (Joseph Bushey, 9,000 Vantress, 9 3, College Hill, 20 cents 13 Francis Schultz 6,800 Vantress, 9-6, Meaders Poultry, 20 cents 14 Francis Schultz, 6,800 Vantress, 9-6, Meaders Poultry, 20 cents 15 Eugene Schlosnagle, 8,400 Vantress, 8-2, no sale, 19 cents bid

16 Eugene Schlosnagle, 8,400 Vantress, 8-2, no sale, 19 cents bid 17 Daniel B King, 1,900 Vantress, 10-1, R W Gibble, 22 cents 18 Landis Sangrey Jr, 400 light fowl, no sale, 15¾ cents bid. 19 Clayton N Thomas, 500 light fowl, Victor J Koser, 15¾ cents 20 John Longenecker, 700 White Rock yearling fowl, Marvin Sweigart, 17 cents

21 James Landis, 530 light fowl, R E Ream, 15¾ cents 22 Mark Myer, 4,700 Vantress, 9, Walter C Mellinger, 20¼ cents 23 Elmer F. Forry 4,000 Vantress, 9-5, no sale, 19 cents bid

Slaughter Cattle Mostly Active; Stockers & Feeders Slow at Lancaster

LANCASTER, Aug. 14 — CATTLE 2,313. Receipts slightly smaller than same time last week, supply mainly 950-1,250 lb good and choice slaughter steers Slaughter heifers scarce Stockers and feeders near 25 per cent of run and cows and bulls 15 per cent Slaughter steers moderately active, fully steady Cows active, mostly 25 cents higher Bulls moderately active, steady to 25 cents lower Stockers and feeders slow, steady to 50 cents lower, full decline on feeder steers over 700 lb

Few loads 1,100 1,240 lb low prime slaughter steers with high good end $27 90-28 Bulk choice slaughter steers $26 27 25, load 1,000 lb high choice $27 50

Load 1,430 lb high choice steers $27. Good and low choice slaughter steers $24.50 26 25

Standard and low good $23-24 75. Scattering 800-900 lb choice slaughter heifers $26-26 50 Utility and commercial cows $18 25-21 75. canners and cutters $15.75-20.75 Good 800-1,100 lb fed yearling bulls $25.50-26 75 Utility and commercial bulls $22 50-25, cutters $21-22 50.

Good and choice 400-500 lb stock steer calves $28 50-30.50. Good and choice 700-1,050 lb feeder steers $24 50 26 50 Medium and good 500-700 lb feeder steers $24 26, common and medium these weights $20-24

CALVES 657, Vealers active fully steady Good and choice vealers $29 34, high choice and prime $35-36, standard and low good $25-29, utility and standard $20-25

HOGS 1,047; Trading rather slow, barrows and gilts 25 cents to mostly 50 cents lower. US No. 1-3 mixed weight and grade 190-230 lb barrows and gilts $23 50-24, few No 1 these weights $24 50-25, mostly $24 25 24 50.

24 John B Kurtk (Herbert Pendleton), 1,200 Vantress, 9, College Hill, 19¼ cents. 25 Martin L Gish, 800 Vantress, 10 Daniel K Good, 20 cents 26 Irvin B Gingrich, 2,400 Vantress cockerels, 9 3 Walter C. Mellinger, 20½ cents

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Sexed or Straight Run—Vaccinated or Debeaked or Both.

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B Starter NFZ	4 45		100 lb 5 15
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16% All Mash DP	3 95	15% Hog	3 75
Scratch DP	3 90	20% Hog, Pig & Sow Feed	4 50
Horse Feed	3 90	Namico Midds	3 40
Bran	3 10		

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Every blade cuts deep and uniform Inside bevel and grind helps keep blades sharp. Discs roll easily on BAL-PAK bearings . . . save fuel costs

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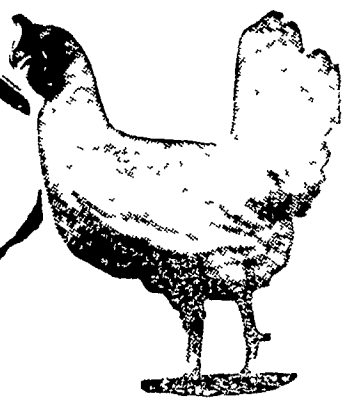

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Parity Ratio Drops One Point to 83

During the month ended July 15, the index of prices received by farmers dropped one point, mainly due to lower prices for apples, peaches, cantaloupe, watermelons, and wheat.

Partially offsetting were seasonal increases in prices for milk and eggs.

The index of prices paid by farmers for commodities and services at mid-July was the same on July 15 as a month earlier.

Thus, with farm product prices lower in June, and farm cost rates unchanged, the parity ratio dropped one point to 83, the same as the revised ratio for July of last year.

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Wednesday New York Egg Market

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Nearby Whites	
Extra Fancy Heavyweights	46
Mediums	38
Pullets	26
Peewees	21
Nearby Browns	
Extra Fancy Heavyweights	50½
Mediums	39
Pullets	29½
Peewees	21
Midwestern Mixed	
Fancy Heavyweights	39
Mediums	35½
Pullets	25
Standards	35
Checks	28½
Midwestern Whites	
Fancy Heavyweights	40
Mediums	36
Pullets	25½
Midwestern Browns	
Fancy Heavyweights	45

Weekly Egg Price Review

	Aug. 7	Aug. 8	Aug. 9	Aug. 10
NBY WHITE				
Ex Fcy Hywts	46	46	46	46
Mediums	38	38	38	37½-38
Pullets	25½	24½	26	26
Peewees	21	21	21	21
NEARBY BROWN				
Ex Fcy Hywts	50½	50½	50½	50½
Mediums	39	39	39	39
Pullets	26½	27	28½	29 -28½
Peewees	21	21	21	21

NEW YORK, Aug. 13 — Arrivals were moderate. Buying interest centered around better quality offerings and where quality was fully representative of grade offered, clearance was good. However, a large percentage of current arrivals showing quality defects and in most instances general price level had to be discounted, and in some instances lots were sold as standards. Trading stocks of the poorer quality tended to accumulate. Medium whites were freely offered. Smalls met good demand in export outlets.

Supply Adequate; Trading Light In Major Broiler Producing Areas

The broiler market continued steady in most of the major producing areas this week. The Delmarva market was quiet with trading light and a considerable portion at undetermined prices. Prices of 18 cents and 18¾ cents were quoted on 101,600 head in Monday's trade.

The Delmarva broiler-feed ratio held steady at 3.6 with broilers averaging 18.53 cents and feed selling for $101.60 a ton. Last year the ratio stood at 4.9 when broilers brought 23.21 cents and feed was selling for $95.40 a ton.

Here is the way the market looked in some of the major producing areas on Tuesday.

GEORGIA: Offerings in balance with needs. Demand fair to mostly good. Prices at farms were 17 cents for 876,000. FOB Plants 18 cents for 523,400 head.

NORTH CAROLINA: Offerings adequate. Demand fair to good. Prices paid at farms for 667,700 head was 17 cents.

SHENANDOAH VALLEY: Demand good, supply about adequate. Prices reported were 17 cents to 18.20 cents at the farm.

ARKANSAS: Offerings fully ample at some points. Excessive at others. Prices paid and volume distributed at farms was 867,095 head at 16 cents and 17 cents. Mostly 17 cents.

Keeping Hogs Cool Means Added Profits

Keeping hogs cool with a soaker can reduce the cost of gains a hundred pounds by about $2.50 a hundredweight, according to Grady Sellards, Kentucky extension service swine specialist.

Portable shade shelter and mist-spray shower arrangements to cool the animals are available commercially, he says. They operate on about two gallons of water an hour throwing a fine mist of cool water over the hogs.

Sellards says shade alone won't do the trick. Water has to be supplied in some form for cooling. When used as a roof, aluminum is an excellent heat reflector and thus helps keep the animals cool.

CYCOLOGY SEZ:

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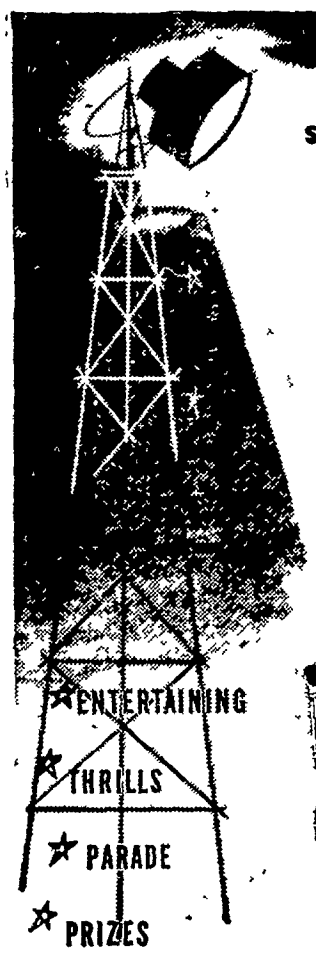

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KINZERS
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JARED STAUFFER
MARTINDALE
Aug. 28 – 8 P. M.

WALTER BINKLEY & SON
LITITZ
Sept. 2 – 8 P. M.

KAYLOR BROS.
RHEEMS
Sept. 3 – 8 P. M.

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Increased Size of Farming Operation Not Always Answer to More Profits

HAVE YOU HEARD a discussion of the American Agricultural situation lately that did not eventually get around to "Surplusses" and "The Cost-Price Squeeze"?

These two topics seem to be the favorite subjects of politicians, farm leaders, economists, alarmists, and your neighbors We must admit that they are both important problems because they both have a bearing on your ability to make a living

Some authorities have maintained that the only way to beat the squeeze is to integrate the farming operation or handle larger units We have been told that the family farm is on the way out and only the bigger and bigger farms can survive today. We have been told that the small farmer must increase the total volume of his business or face bankruptcy We have been told so often that we must increase the size of our operation to meet rising costs that we have begun to believe a high gross return always means a large net profit.

This is not necessarily true But many people acting upon the advice of so-called experts have doubled or tripled their normal business size Naturally when the size of the operation is increased the quantity of products flowing to the markets will increase The situation created is more surplus products and lowering of prices Then we start thinking in terms of still larger units and more production

To many people the idea of cutting back the size of the farming business is so novel that the possibilities have not even been explored carefully

Let's look at dairying for example. Studies show that it takes four cows giving 8 000 pounds of milk each per year to return as much profit to their owners as one cow giving 11,000 pounds However, those four cows put 21,000 pounds more milk on the market than did the one good cow.

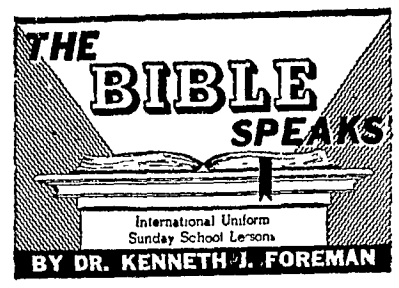
In some cases a dairyman might increase his net income by keeping fewer cows rather than more cows If making additions to the dairy herd will mean that the dairyman will have to hire additional labor or buy additional equipment or buildings, it is entirely possible that his net income could be lower Unless the extra labor and equipment can be used efficiently the net farm income will be lower

The same holds true for field crops. The production of an acre of any crop has certain fixed costs which do not vary with the yield It costs just as much to plow and prepare the ground and just as much to cultivate an acre of corn yielding 50 bushels as one which will yield 150 bushels

One acre of corn producing 100 bushels will return to the farmer approximately the same net profit as five acres yielding 60 bushels per acre, but those five acres will put 300 bushels of corn on an already overloaded market

Of course we all know that farm business volume must be large enough to make mechanization of operation economically sound This does not necessarily mean that the size of the program must increase with the purchase of each new piece of equipment If a new piece of machinery helps you market your products at a lower cost, or if it helps you to market a higher quality product, it may well pay it's way without increasing total sale of products

Maybe the time is here when we should stop worrying about how much we can produce and begin to think about how we can produce it more efficiently and of better quality Competition for the consumer dollar in industry has proved that quality pays off Competition in Agriculture will prove it too

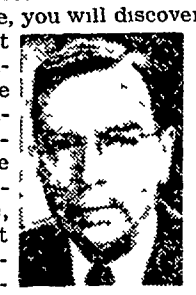


Bible Material: Leviticus 19 33-37, Deuteronomy 23 7-8, 24 14-15; Matthew 9 9-13 John 4 7-9. 39-41. Galatians 3 26-28
Devotional Reading: Psalm 10 10-18.

Minorities

Lesson for August 17, 1958

THE Bible is a man's book. But that's not all. The Bible is a property-owner's book, it is a book for the "dominant classes" of society. This does not mean it is not for everybody. But the fact is, the laws and the letters and indeed most of the Bible, you will discover when you read it carefully, is addressed to people who are in positions of authority. It is all the more remarkable, therefore, and a sign that the Bible is inspired by something besides wishes of the dispossessed—all the more remarkable that the Bible writers speak out clearly on behalf of the depressed classes, the little people, the people who could not speak for themselves, the people who probably could neither read nor write and of course had no Bibles themselves.


Dr. Foreman

The Stranger

In ancient times everybody belonged somewhere. People did not move about from city to city, from farm to farm, as they do here In America, on the average, every family moves once every five years. In ancient Palestine a family would stay in one locality for 500 years, wars and pestilence permitting Strangers were not (as with us often) interesting people, to be invited out and "cultivated." Strangers were under suspicion—what would a man be doing so far from home? The strangers in any land were a voiceless, voteless, disorganized minority. Yet God commanded the Hebrew majorities to remember that they themselves were strangers once in Egypt, and to take special care of strangers in their own land.

The Hired Man

Some hired men are stable members of the community. They contribute to its welfare in various ways besides doing their jobs well. But there are workers who drift about, sometimes in large numbers. Last winter many thousands of migrant workers were stranded in heatless sheds in Florida's sensational cold spell. Their work was gone, they had no place to live, no hope of earning anything until crops farther north began to ripen. Such workers are another minority group. They do not stay in any one place long enough even for the children to get started in school. If one of them dies it will be hardly mentioned in the paper. Whatever happens to them, many respectable people think, "Oh, it's only one of those tramp workers."

Does your community give any kind of recognition or help to migrant workers? Do cotton-pickers, bean-pickers, summer hired help, have any place to go in your community? Do Christians have any responsibilities for them?

The Disrespectables

Everybody is a sinner. But some people are outrageous sinners, and they are another minority. A pessimist might say that you have to be a pretty outrageous sinner to be worse-than-average enough to be noticed. Such were the tax-collectors or "publicans" of the New Testament They were "bloodsuckers" and everybody knew it. For a present-day Christian, the minority corresponding to these "sinners" would be the classes the church generally gives up, washes its hands of, forgets: boys in reformatories, for example, men in the penitentiary, ex-convicts Jesus was accused of having too much to do with such people. Is your church more like Jesus, or more like the Pharisees, in its attitude toward them?

No Lines Drawn

We have minorities outside the church What about minorities inside it? Does the church have second-class members as certain states and countries have second-class citizens? St Paul mentions what were then the sharpest lines dividing men from men—Jew from Gentile, slave from free man, male from female, and he tells us such lines do not belong in the Christian church They should never be drawn Any church setting limits or qualifications to its membership which were not drawn by Christ and his apostles, raises at once a fair question: Is this any longer a Christian church?

(Based on outlines copyrighted by the Division of Christian Education, National Council of the Churches of Christ in the U. S. A. Released by Community Press Service)

Davidson

THIS WEEK
—In Washington
With Clinton Davidson

Where To Find A Husband

When we started writing this column three years ago we had no idea it might become a sort of matrimonial bureau but now we feel compelled to pass on a tip from the Alaska Chamber of Commerce

Girls the A C of C reports there are eight unmarried men in Alaska for every unmarried woman This startling news, it is expected may cause a stampede that would make the gold rush look like an afternoon stroll in the park

Throw away those uncouth pictures you have of Alaska men with a six month growth of bread and rough clothing They are out of date In Alaska one out of 12 men is a college graduate a third higher percentage than in the continental U S

And if you are thinking of what a terrible place the 49th state is to live in forget it Alaska has a lower death rate and a higher birth rate than any of the 48 states now in the Union

Three Out of Four Have One

In the United States proper only two out of every three women have found a man to vow to love honor cherish and pay the grocery bill Alaska women have been much more successful Three out of four have like the Northwest Mounties got their man

The fourth one so the statistics would indicate either is a confirmed old maid or mighty choosey These statistics of course do not include the native Eskimos who are busy raising families in their snug little igloos

Husbands are not hard to find in Alaska we are told, despite spaces so wide open that they make Texas look like a New York suburb There are four square miles per person compared with 57 persons per square mile in the United States

Texans, of course will have to eat some of their bragging words if and when Alaska becomes the 49th state You could put the whole state of Texas in a corner of Alaska s 586 000 square miles and all it would do would be cool off.

Growing Like Topsy

Alaska has been experiencing some phenominal growth, populationwise Between the 1940 and 1950 censuses the population increased by 77% five times the rate of the continental U S

About two thirds of this increase was accounted for by natural causes — excess of births over deaths — and about one third by net immigration The birth rate is one third larger than in the U S and the death rate is only a little more than half

This the A C of C modestly concedes is due not to the climate but to the fact that most people in Alaska are younger than in the U S The median age is 26 years five years below that of the U S

There are no large cities in Alaska, mainly because three people live in the country for every city dweller a reversal of the U S ratio Anchorage is the largest city with a population of 32,000 and Fairbanks is second with 16 000 Juneau, the capital and Kitchikan each have less than 10 000.

Lancaster Farming

Lancaster County's Own Farm Weekly
Alfred C Alspach, Publisher, Jack H Owen, Editor, Robert G Campbell Advertising Director, Robert J Wiggins, Circulation Director
Established November 4, 1955
Published every Friday by OCTORARO NEWSPAPERS, Quarryville, Pa — Phone STerling 6-2132 or Lancaster, EXpress 4-3047
Entered as Second-Class matter at the Post Office, Quarryville, Pa., under Act of March 3, 1879
Subscription Rates: $2 per year, three years $5, Single copy Price 5 cents

Wagon Trains to Roll In Penna. This Month

"Wagon trains will roll again in Pennsylvania this month, and your farm can be represented This is the word from Mr Charles Passmore of the Pennsylvania Farm Machinery Dealers Association

The association has the job of getting 88 tractors and 176 farm wagons to be used as sightseeing trains at the National Plowing Contest at Hershey on August 21 and 22

The tractors do not pose any particular problem since they can be supplied by the machinery dealers The farm wagons are another story You can help by contacting your local machinery dealer if you have a wogan that could be used in one of the trains

The Machinery dealers also need drivers for the trains Any one who is over 16 may apply directly to the local machinery dealer There will be no pay but it will be one way to get a view of the plowing matches from a tractor set

Now Is The Time . . .

By MAX SMITH

County Agricultural Agent

Max Smith

TO VENTILATE TOBACCO SHEDS — Early cut tobacco has grown very fast this year and is full of sap and moisture Since the county tobacco crop depends largely upon natural air to dry and cure the crop all available ventilation should be provided during the majority of the time On wet or foggy days many growers shut the large part of their ventilators Cross ventilation in all parts of the shed or barn is desirable in order to cure the tobacco and prevent pole burning

TO ORDER LIME — Winter grain fields that are to be seeded to legume mixtures next spring or summer should be treated with lime this fall during the preparing of the ground for winter grain

With ground limestone several months are needed for the lime to work in the soil and reduce acidity, the best time to apply this lime is in the fall when mixed with the soil and not next spring on top of the winter grain A lime requirement test or complete soil test through our office will give this information

TO PREPARE FOR WINTER OATS — Some years the winter oats crop is much better than the spring oats this largely depends upon the severity of the winter and the drainage of the particular field. We recommend that the winter oats be seeded around the middle of September on well drained ground La Conte or Du Bois are the two recommended varieties.

TO MAKE SORGHUM-SOYBEAN SILAGE — This forage mixture that was seeded around the middle of May will no doubt be ready to cut by the first of September Weather conditions this year have been very favorable and a very heavy yield of silage is expected The time to cut this silage mixture is when the soybeans have a small green bean in the pod and the sorghum grain is doughy when broken open with the finger nail also the sorghum seed head will be turning a darker brown No perservative is needed

TO ENTER STATE FARM SHOW SAMPLES — Sounds a bit early but all exhibitors of milk at the 1959 Penna State Farm Show must request an entry blank from Mr John McCool Director Penna Farm Show Farm Show Bldg Harrisburg Pa by not later than September 1st **The rules have been changed** and all exhibitors are urged to take note The entry blank is then to be completed by the producer or the dealer and returned to McCool, by October 1st Further instructions will be given at that time

SPABC Show Largest in Recent Years

The largest SPABC dairy show in recent years saw most of the championship ribbons taken out of the county However the Ayrshire breed championship was won by David F Harnish, R2 Quarryville, and the Holstein championship went only as far as the John M Umble farm, R1 Atglen

This was the first time in many years that the Holstein championship has not ben won by a county breeder

The Harnish entry was Glenhurst Roberta, a four year old She was senior champion of the breed

Richard L Lehman, R2 Newville, had the junior Holstein champion.

The junior champion Ayrshire was shown by Earl D Wenger, R3 Manheim.

In the Brown Swiss division, the championship was won by an entry of Bette Ahren, R1 West Grove.

Two entries from the Mark N Witmer herd, R1 Dalmatia, swept the Guernsey division King Gilda's Wilda, a three-year old won senior and grand champion and a junior calf took the junior championship.

Charles T Wollaston, Toughkenamon, showed the Jersey grand champion The reserve was shown by Horce and Anna Y Wilson, R2 Phoenixville

Here are the placings of local entries.

AYRSHIRE

Junior Heifer Calf — 2 Ralph E. Harnish II, R1 Christiana, 3. John H Stick, R2 Lebanon, 5 John E and Dorothy Z Paes, R1 Strasburg

Senior Heifer calf — 1 Harnish II, 2 Earl D Wenger, R3 Manheim, 3 Stick, 5 Roy D Wenger, R3 Manheim

Junior Yearling heifer — 1 Stick, 2 Barbara Jenkins, R1 Lititz; 3 Abram G Flory Jr, R3 Manheim, 4 Paul H Weller, R2 Myerstown, 5 Weller

Senior Yearling heifer — 1 Stick, 2 David F Harnish, R2 Quarryville, 4 Harnish, 5 Joyce E Kreider, R1 Quarryville

Two-year-old — 1 Baram K & Florence M Flory, 2 Flory, 5 Ned Z. Paes

Three-year old — 2 Sticks, 3 Harnish, 5 Weller

Aged Cow — 1 Harnish, 3 Milton M. Brubaker, R1 Lititz, 4 Stick.

Junior Get of Sire — 1 Improver.

Senior Get of Sire — 1 Improver.

Produce of Dam — 1 Stick

District Group — 1 Lancaster; 2 Lebanon

BROWN SWISS

Senior yearling — 1 and 2 Bette Ahern, R1 West Grove.

GUERNSEY

Junior calf — 4 Donald T McCullough, Newville

Senior calf — 1 McCullough, 2 Sam H Groff, Peach Bottom, 3 Richard R Ankrum, Peach Bottom· 4 Glenn R. Bushong, R2 Columbia.

Junior yearling — 1 Groft, 2 Ankrum, 3 Dorothy M Gaiber, R2 Willhow Street

Senior yearling — 1 McCullough, 4. Lee M Stoltzfus, New Providence.

Two-year-old — 3 Laverne Mull, Quarryvile, 4 McCullough

Three-year-old — 2 Louise A Witmer, R1 Willow Street.

Aged cow — 2 and 3 Groff, 4 Betsy Walter, R2 Cochranville.

District Group — 1 Chester, 2 Lancaster.

Junior Get of Sire — 1 Noro

Senior Get of Sire — 1 Legend

Produce of Dam — 3 McCullough.

HOLSTEIN

Junior calf —2 Aaron B Weaver, 3. Robert H Kauffman, R1 Manheim, 4. George A. Rutt Jr., Stevens.

Senior Calf — 1. Richard L. Lehman, R2 Newville, 2 David L Hershey, R1 Manheim, 5 Arthur D Wenger, R2 Manheim.

Junior yearling — 2 Mowery Frey Jr, R7 Lancaster, 3. John D Bomgardner, R1 Annville, 4 Richard Gever, Willow Street, 5. J.

Adults Take Lesson In Judging From Youngsters At Field Day

Two twelve year old girls made a clean sweep of the judging contest at the annual Guernsey Field Day at the farm of Raymond Witmer, Willow Street R1 on Wednesday.

Nancy Bollinger, 12 year old daughter of Mr and Mrs Jacob Bollinger, Lititz R4, placed above 108 other men, women, and youths to capture first place in the event Nancy's score of 334 3 of a possible 400 was just enough to edge out second place winner, Elaine Stoltzfus, Ronks R1. Elaine, daughter of Jacob Stoltzfus, president of Lancaster County Guernsey Breeders Association, piled up a total of 333 3 points

Other winners in the youth division were Robert Mumma, Landisville, 316 6 points and Suzanne Mumma, Landisville, with 300 points.

The top judge in the Men's division was Arthur Brenneman, Willow Street R1, with 316 7 points, followed very closely by Kenneth Garber, Willow Street R2 with 316 6 Third and fourth places went to Clyde Brennamen, Willow Street R1, and Richard Maule, Quarryville R2 respectively

In the women's division, the 300 points amassed by Mrs Herbert Myer, Lancaster R7 was high Mrs Elmer Lapp, Kinzers, was second Mrs Laurence Foulk Quarryville, R3 was third, and Dorothy Myers, Willow Street R1, was fourth

Roger Emig, Field Supervisor for Southeastern Pennsylvania Artificial Breeders Cooperative, was the official judge for the event which drew an attendance of over 200 guernsey breeders and their families

Greetings from the State association were brought to the group by Lloyd Eyler, State Guernsey Fieldman and Bill Juzi, State Business manager for the breed association.

The speaker of the afternoon was Frank Brown, owner of Mt Ararat farms Port Deposit, Md. "The business of farming' he said is an interplay of what you are and what you have

Brown expresse dhis belief in the need for the family size farm to continue in operation "As long as we have big forces at work in America," he continued, "We must have a great number of independent people People who will acept the responsibility for their own future"

Scoring the judging cards for the contest were the following teachers of Vocational Agriculture, Joseph McGahen Manheim, Garland Gingrich, Millersville; George Myers, Lampeter, Ralph Bitler, Solanco, Henry Givler, Pequea Valley William Fredd, Solanco, and Jack Owen, Solanco. Assisting them was Stanley Musselman, Farmer Relations manager for the Lancaster County National Bank

Robert Hess, R1 Strasburg.

Senior Yearling — 2 J. Glenn Hess, R1 Washington Boro, 3 Bomgardner; 4. John D Zimmerman, R1 Reinholds, 5 Hess

Two-year-old — 2 Kauffman, 4 Elvin Hess Jr, R1 Strasburg, 5. Rutt.

Three-year old — 1 Kauffman, 3 Hess, 4 Hess, 5 Hess.

Four-year-old — 1 John M. Umble, Atglen, 2. Frey, 3 Umble,

Continued on page 6

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When calves are a week old, begin feeding famous Ful-O-Pep Calf Ration with new Ful-O-Pep Calf Sup which really makes an *economical, efficient* ration. You see, Ful-O-Pep Calf Ration is a nutritious, dry feed built around oats. It contains Aureomycin and grows calves with *big, strong bones* and *sound, sturdy bodies* . . . the kind that develop into wonderful cows.

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Effects of Nutrition on Beef Cattle Reproduction Being Studied

Effects of nutrition on reproduction in beef cattle are being studied by USDA and the Louisiana Agricultural Experiment Station to understand two major difficulties One difficulty is failure of some cows to conceive or "settle" after breeding The other is failure of some cows to come into heat after first calving.

Solution of both troubles is being sought by combined nutrition and breeding studies at the ARS Agricultural Research Center, Beltsville, Md., and at the ARS Iberia Livestock Experiment Station, Jeanerette, La The work at Beltsville is being conducted by animal physiologist J. N. Wiltbank, cattle nutritionist R. E Davis, and animal husbandman J. Bond, and at Jeanerette by animal husbandmen W. M. Hazen and E. H. Vernon.

Angus heifers are being used in the Beltsville experiments and heifers of mixed breeding at Jeanerette

ASIDE FROM CLIMATE and breeds used, there are no major differences in the trials underway at the two stations. Fifty-four heifers are under test at each station And in each case the test groups have been divided into 9 lots of

(Continued on page seven)

THE SOUTHEASTERN Pennsylvania Artificial Breeding Cooperative dairy show on Aug. 7 produced these grand champion breed winners. They are shown with their owners left to right: Charles T. Wollaston, Toughkenamon, Chester County, Jersey; Mark N. Witmer, Delmatia R1, Northumberland County, Guernsey; Ralph Harnish, brother of owner David F. Harnish, Quarryville R2, Ayrshire, and John M. Umble, Atglen R1, Holstein. Winner of the Brown Swiss grand championship was the entry of Bette Ahren, West Grove R1, who was absent when the picture was taken.

(LF Photo)

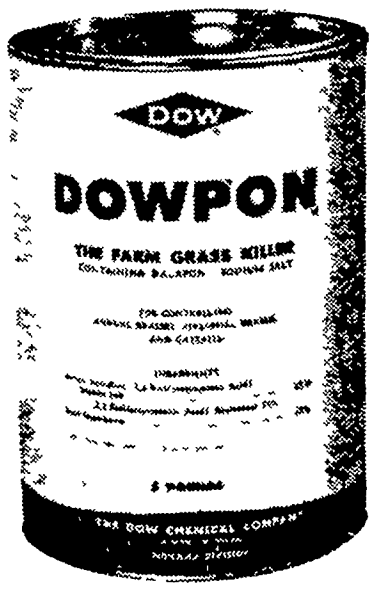
SPABC Show

(Continued from page five)

4 Umble.
Junior Get of Sire — 1. Dean.
Senior Get of Sire — 1. Lucifer
Produce of Dam — 1. Kauffman.

JERSEY

Senior calf — 2. Phylis Landis, R4 Lancaster; 4. Tom Haliday Jr., R1 Kirkwood.
Junior Yearling — 2. Lucile Kreider, Drumore.
Senior Yearling — 2. David Althouse & Son, Cochranville; 3 Haliday; 4. Haliday Sr.
Three-year-old — 3. Althouse & Son.
Aged cow — Althouse & Son.
Produce of Dam — 1. Althouse & Son.
District Group — 1. Chester.



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Start this fall to solve your quack grass problems this easy, effective, economical way.

DOWPON may also be used for grass control in apple & pear orchards. Grass control around fruit trees now, will help you control meadow and field mice later on.

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Farm Service Bulletin No. 5-8.

BLUE COMB

A disease which attacks growing pullets and young laying chickens.

ORIGIN: Not of bacterial origin, but otherwise suggestive of a contagious or infectious disease. Current view point: Probably a virus disease.

SYMPTOMS: Sudden decreased feed consumption, drop in egg production, depression and whitish watery diarrhea. Individual birds may have crop distension, sunken eyes, dark blue combs, shriveled shanks.

Post Mortem usually shows pale breast muscle resembling the flesh of fish. Crop is often filled with sour-smelling food. Small yellowish spots may appear on the liver. Enlargement of kidneys is common with the accumulation of urates.

CAUTION: Accurate diagnosis is necessary to differentiate between Blue Comb and Fowl Cholera.

TREATMENT: Several types of treatment formerly recommended have mostly been replaced by the use of the Broad Spectrum antibiotics or a combination of one of these with Furazolidone contained in a **highly fortified** feed.

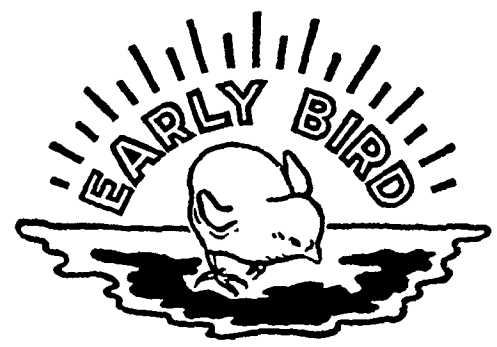
For treatment of **Growing Pullets** we recommend the use of our **EARLY BIRD No. 50** Medicated Ration.

For treatment of **layers** we recommend our **EARLY BIRD No. 49** Medicated Ration.

Feed these for 5 to 7 days. We have found them quite effective. When a mash and grain program is followed it is well to discontinue the grain and replace it with a limited amount of our **EARLY BIRD No. 33** Poultry Fitting Ration.

If you have birds that "do not look just right", or trouble strikes your flock please call your Miller & Bushong representative or call Lancaster EXpress 2-2145 Collect.

WE'LL GO ALL OUT TO HELP!



Miller & Bushong, Inc.

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Manufacturers of Poultry and Live Stock Feed Since 1875.

Effects of Nutrition

(Continued from page 6)

6 animals

At Beltsville, for example, where the project was started in the fall of 1956, lots 1, 2, and 3 are on full feed Lots 4, 5 and 6 are on the equivalent of two-thirds full feed And lots 7, 8, and 9 are fed rations calculated to maintain weight

In digestible proteins, however, there is another division Lots 1, 4 and 7 daily receive 0 23 pound of digestible protein per 100 lbs of body weight, lots 2, 5, and 8, a daily ration of 0 15 pound, and lots 3, , 9, only 0 06 pound Fifteen-hundredths pound per hundred pounds of body weight is recommended by the National Research Council for normal growth of 600 pound heifers

IN THE BELTSVILLE experiment, all feeds are pelleted and heifers on limited amounts of energy (feed) are fed individually The same feeds are used at Jeanerette, except that they are ground and not pelleted and the heifers are all group fed

All heifers went on test late in 1956 or early in 1957 as wealing calves less than a year old They are being observed for the occurrence of heat or estrus, and ovarian activity is being determined by rectal palpation at regular intervals

None of the heifers was bred during the first 8 months of the trials Since then, each heifer has been bred at each heat period Records are being kept of the conception rate of heifers in each lot, and of the vigor and growth rates of the calves born.

The trials will probably be completed in 1959 or 1960 after each group of heifers has had opportunity to calve twice Calves have been dropped by heifers in all groups at Beltsville Several of the heifers, however, have not yet calved

No attempt wil be made to appraise or compare results until trials are completed at both stations.

Poultry Management Booklet Offered

CAYUGA, N Y — The Beacon Milling Co has released a new 23rd edition of Profitable Poultry Management This 264 page manual covers all important poultry feeding, management and disease problem

This edition was compiled since mid-April, making it completely up to date

Available from Beacon dealers or by writing to the company at Cayuga, N. Y, there is no charge in the Beacon distribution area

A YORK COUNTY youth won the Yorkshire Breeder's judging contest Friday at the Guernsey Breeders' Pavilion He is Gordon Shime, R1 Seven Valleys, right High among the Lancaster county entrants was Donald M Herr, Refton, shown here congratulating the winner (LF Photo)

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To give you an idea of equipment to be shown Wayne Wyant plans to display a 30' x 48 assembled steel building, 10 models of Wood Rotary Cutters a Woods bale shredder Henderson manure loaders and truck hoists Schultz bedding harvesters forage wagon and manure spreaders Meyer snow plow and a MacKissic feed grinder-mixer-transport combined We plan to be present at some of the above exhibits so stop in and say hello!

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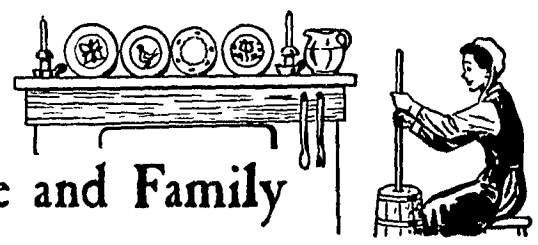

For the Farm Wife and Family

Peaches Among Most Popular Fruits For Home Canning, Freezing

Peaches are among the most popular fruits for home freezing. This summer's big crop should encourage homemakers to freeze an extra generous supply. Sound, firm, ripe peaches with no green or hard spots may be frozen in halves or slices in either sirup or sugar. Very ripe peaches may be crushed or made into puree for freezing.

Peach slices frozen in sirup are attractive to serve "as is". Slices are easier than halves to pack compactly in freezer containers To help prevent the fruit from darkening, work with small batches at a time and slice directly into cold sirup.

Make up the sirup and have it cold before preparing peaches. To make about five and one-half cups of sirup, dissolve three cups of sugar in four cups of water. To help preserve peach color and flavor while in the freezer, add crystalline ascorbic acid (vitamin C) to the cold sirup, using one-half teaspoon (1,000 milligrams) to each four cups of sirup. Ascorbic acid is sold at drug stores and some freezer-locker plants.

Allow one to one and one-half pounds of peaches for each pint container to be filled. After washing the fruit, cut in half, remove pits and skins by hand. If you dip peaches in hot and then cold water to loosen skins for fast peeling, it may soften the outer flesh so that slices will have ragged edges after thawing.

Measure two-thirds cup sirup into each pint container. Then slice peaches directly into the container. To hold the slices down under the sirup, put crumpled parchment or locker paper on top Leave enough space at the top for the fruit to expand during freezing. In containers with straight sides and wide tops leave one-half inch headspace in pints, one inch in quarts. In containers with narrow tops, leave three-fourth inch headspace in pints, one and one-half inches in quarts.

Wipe all sealing edges clean for a tight seal. Fasten lid on tight. Label with name of fruit and date when placed in freezer. Then freeze and store at zero degrees or colder.

Frozen peach jam offers an easy and tasty way to make use of the abundant peach crop this year. It is a convenient food to have in the freezer, not only for making sandwiches or for use on toast, but also as a topping on ice cream, puddings, and other desserts. This jam has fresh flavor because the peaches are not cooked.

FROZEN PEACH JAM

3 cups crushed peaches (takes about two and one-half pounds)
5 cups sugar
1 package powdered pectin
1 cup water

To prepare the fruit, wash and drain the fully ripe peaches, remove pits and skins, and crush

To make the jam, first measure three cups of crushed peaches into a large mixing bowl. Add sugar, mix well, and let stand for 20 minutes, stirring occasionally.

Dissolve the pectin in the water, bring to a boil, and boil for one minute Add pectin solution to the fruit-and-sugar mixture, and stir for two minutes.

Ladle the jam into jelly glasses or into suitable freezer containers, leaving one-half inch space at the top. Cover the containers and let stand for 24 to 48 hours, or until the jam has set. Then cover with one-eighth inch layer of hot paraffin.

Uncooked peach jam can be stored in the refrigerator for a few months or in the freezer for up to a year. If it is left at room temperature it will mold or ferment in a short time. Once a container is opened the jam should be kept in the refrigerator and used within a few days.

The following recipe for peach desserts use either fresh or canned peaches. How about this Peach Custard for an easy, tasty dessert.

PEACH CUSTARD

6 peaches, thoroughly ripe
Cubes of stale cake
Boiled custard

Pare and slice peaches and sprinkle generously with sugar. Arrange alternate layers of the cake and peaches in a deep dish. Pour custard over top. Chill and serve.

PEACH SUNDAE CAKE

Cut a thin layer of sponge or plain butter cake into 3-inch squares or rounds Pile a generous spoonful of fruit ice cream on top and garnish with sliced

For these hot days try fresh peach and cottage cheese luncheon salad. For a different tang, dip the luscious fresh peaches in fresh lime juice before serving. This will also keep them from darkening if you prepare your salad a little ahead of time for convenience.

canned or sweetened fresh peaches.

PEACH COBBLER

2 tablespoons flour
1 tablespoon butter
½ teaspoon salt
½ cup milk
3 teaspoons baking powder
1 well beaten egg
2 tablespoons lemon juice
2 cups sliced peaches
¾ to 1 cup fruit syrup
¼ cup sugar
1½ cups flour
1 tablespoon sugar
⅓ cup shortening

Arrange fruit in greased 8-inch round pan. Mix flour and and one-fourth cup sugar; then sprinkle over fruit. Add lemon juice and fruit syrup, dot with butter Heat through in oven. Sift remaining dry ingredients; cut in shortening. Mix eggs and milk; add dry ingredients. Drop dough in six or nine mounds over hot fruit. Bake in hot oven for 30 minutes.

PEACH CREAM DESSERT

6 slices sponge cake
1 cup heavy cream, whipped
1 tablespoons powdered sugar
½ teaspoon almond flavoring
6 canned peach halves, drained
¼ cup currant, jelly

Cut sponge cake into slices; spread with cream, sweetened and flavored; top with peach half, and fil center of peach with jelly. Approximate yield: 6 portions.

(Continued on page nine)

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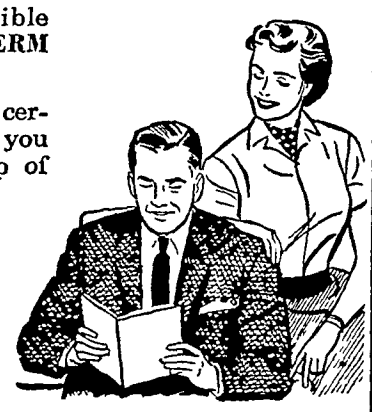

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For Farm Women . . .

(Continued from page eight)

PEACH CREAM PUDDING

1 cup milk, scalded
¼ cup sugar
⅛ teaspoon salt
1½ teaspoons cornstarch
2 egg yolks
½ teaspoon vanilla
1 cup peaches, drained and diced
⅓ cup walnuts, chopped
½ cup whipping cream

Combine sugar, salt and cornstarch. Add hot milk, cook until thick. Add egg yolks and vanilla. Cool. Fold the peaches, nut meats and the whipped cream into custard.

* * *

PEACH CRUMBLE PIE

Peaches
1 cup brown sugar
1 cup flour
3 tablespoons butter

Cut peaches, fill glass pie plate Cream butter, add flour and sugar and spread over peaches. Bake in moderate oven (350 degrees) 45 minutes. Serve in baking dish.

HALF PEACH N' HALF PLUM COBBLER

2 cups fresh peaches, peeled, quartered
2 cups fresh plums, quartered
1 cup sugar
2 tablespoons flour
2 tablespons butter
1 single crust pastry recipe

Heat oven to 425 degrees Place peaches and plums in 8x8x2-inch pan. Mix sugar and flour together and sprinkle over fruit Dot with butter. Place pastry over filling. Fold edge of crust under and flute just inside edge of pan. Cut three or four small slits near center for steam to escape Bake 35 minutes. Serve warm with cream. Makes 6 to 8 servings.

* * *

PEACH BETTY

12 slices day-old bread, cubed (four cups)
½ cup liquid shortening (Wesson Oil, Kraft, etc)
4 cups sliced peaches
¾ cup sugar
2 teaspoons cinnamon

Heat oven to 350 degrees. Cube bread. Heat shortening in 10-inch fry pan. Add bread cubes and brown lightly Remove from heat. Combine peaches, sugar and cinnamon. Arrange layers of bread cubes and fruit in oiled 2-quart casserole, ending with bread cubes. Bake, covered, for 30 minutes; uncover and bake 20 to 25 minutes longer. Serve hot or cold with light cream. 6 servings.

* * *

PEACH CRISP

1 No. 2½ can sliced peaches
½ cup butter or margarine
¼ cup brown sugar
⅛ teaspoon salt
⅛ teaspoon nutmeg
3 teaspoons vanilla
1½ cups sifted flour
¾ cup semi-sweet chocolate bits

Drain peaches and reserve syrup. Blend butter or margarine, brown sugar, salt, nutmeg and vanilla. Add flour and knead till coarsely crumbled. Press one-third of the crumb mixture on bottom of greased 9-inch square pan. Bake at 400 degrees for 8 to 10 minutes

Remove from oven and sprinkle chocolate bits over mixture. Arrange peaches over chocolate bits and sprinkle remaining crumb mixture over peaches to cover.

Place about 6" under broiler and broil till lightly browned — 2 to 3 minutes. Cut in 3" squares. Serve warm or cool with Peach Sauce.

PEACH SAUCE

Peach syrup
¼ cup semi-sweet chocolate bits
½ cup heavy cream, whipped
Dash nutmeg

Boil the syrup till the volume is about one-half cup — about 20 minutes. Remove from heat, stir in chocolate bits until melted Cool. Fold in whipped cream and nutmeg. Spoon over squares.

* * *

PEACH ROLL

Rich Cheese Biscuit Dough (see below)
3 cups sliced peaches
4 tablespoons butter or margarine
1 teaspoon cinnamon
2 tablespoons flour
1 cup sugar

Make up Rich Cheese Biscuit Dough and roll into oblong ⅛ inch thick, so length will fit a baking pan 6x11x2.

Spread dough with sliced peaches. Dot with butter, sprinkle with cinnamon, sugar and flour.

Roll as for jelly roll, pinching edges into roll to seal. Slash top in several places. Place in baking pan and add one cups water or fruit juice. Bake in 375 degree oven for 45 minutes.

RICH CHEESE BISCUIT DOUGH

2 cups sifted flour
3 teaspoons baking powder
1 teaspoon salt
2 tablespoons sugar
6 tablespoons shortening
½ cup grated cheese
¾ cup milk

Sift together dry ingredients Cut in shortening until it has the appearance of coarse cornmeal Add grated cheese. Stir in milk and mix only enough to combine ingredients. Turn on floured board to knead lightly Roll.

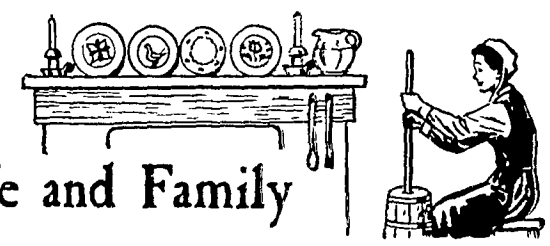
* * *

SCALLOPED PEACHES

1 cup sliced peaches
4 cups sliced apples
¼ teaspoon salt
¼ cup brown sugar
¼ cup bread or cake crumbs
¼ cup water

Arrange a layer of peaches on bottom of greased baking dish. Place half of apples over the peaches. Sprinkle with salt. Add remainder of peaches and apples and sprinkle again with salt Spread sugar over the top, then crumbs, and add water last Cover baking dish first 30 minutes so crumbs will not brown too rapidly. Bake in moderate oven (350 degrees) 45 minutes Serve hot or cold. Serves 6.

For the Farm Wife and Family



10 Per Cent More Chickens in 1958

The number of young chickens raised on farms in 1958 is now estimated by the Crop Reporting Board at 435,785,000, up 10 per cent from last year

Increases are indicated for all areas of the county as follows: Up 14 per cent in the South Atlantic states, 12 per cent in the West North Central, 11 per cent in the South Central, nine per cent in the East North Central, seven per cent in the West, and five per cent in the North Atlantic States.

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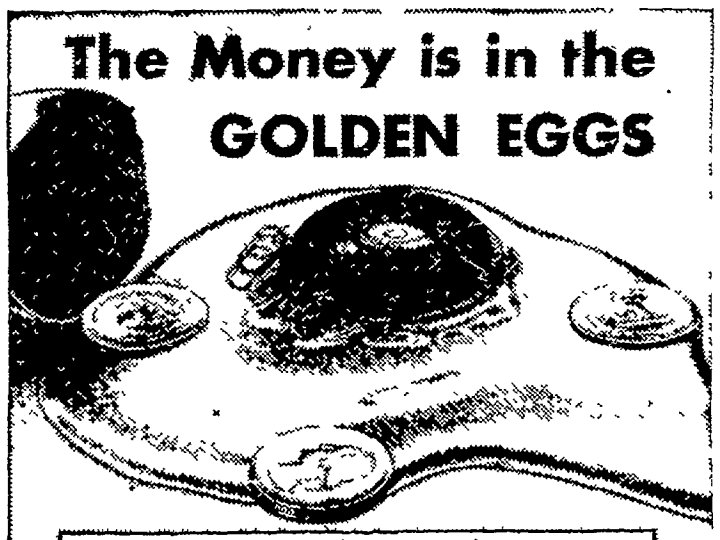

Percentage of Flock Lay	Pounds Feed Per Dozen Eggs	Extra Dozen Eggs You Get	Increased Income Per Ton of Feed from the "Golden Eggs"
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80%	3.81	163	81.50

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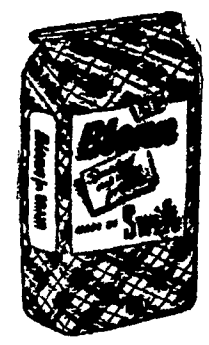

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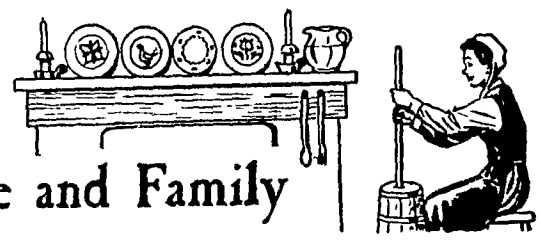

For the Farm Wife and Family

Dress Properly At Plow Match Specialist Says

UNIVERSITY PARK, Pa — If you are one of the many thou sands who will be attending the National Plowing Contest and Conservation exhibition on Aug 21 and 22 at Hershey dress ap propriately to get the most pleasure from the occasion

The weather may be hot or on the cool side, rainy or dry and dusty Regardless of the weather Mae B Barton, clothing specialist, the Pennsylvania State University, has a suggestion that could help you to enjoy the event. Wear comfortable clothes!

In addition to the throngs who will be at the big national event other thousands of spectators will be out for the preliminary matches in Pennsylvania, including the state finals August 19, also at Hershey Meanwhile there also will be the four regional eliminations in the state, and some of the thirty-six county contests that are to be held this week

Spectators, Mrs Barton says will do a lot of walking — all day and on uneven ground, and could develop blisters, or worse, from new or unsuited shoes She suggests comfortable shoes that can be restored easily from dust or mud High heels she adds, had better be left in the car.

Equally important are appropriate hats broad brim straws for women, visored caps or hats for the men, and some protective headgear for the teenagers, too Hats, Mrs Barton reminds, afford protection against sunstroke "Be sure your head is covered when standing or walking in the sun."

As to clothing, the wash and wear fabrics get the nod They're comfortable, durable, and require little care in laundering. Also, they stay fresh looking and wrinkle free Take along sweaters, jackets or coats for unexpected cool spells Also, umbrellas, raincoats, even overshoes could be appreciated if needed

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Poultry Group To Feed 150,000 At Plow Contest

Have you ever fed 150,000 people? That's the job undertaken by the Pennsylvania Poultry Federation at their 8th Annual Poultry Festival to be held in Hershey, Pennsylvania, August 21 through 24, during Pennsylvania Dutch Days and in conjunction with the National Plowing Contests The expected crowd of 150,000 persons attending the four days will require enough chicken to extend one mile longer than the Golden Gate Bridge

Twenty-seven and one-half tons of chickens reaching six miles will be barbecued at a record pace of 2,250 halves every hour on five 48 foot barebecue pits To accomplish this 560 volunteers will work 4,000 hours within a 52 hour barbecuing period In all, 50,000 halves of chickens will be barbecued.

The condiments necessary to barbecue the chickens include 300 gallons of vinegar and 700 pounds of butter One thousand dozen rolls per day will be used for the chicken dinner and 200 pound loaves of bread will be used in sandwiches In addition, the Festival Committee ordered 30,000 butter patties, 200 galons of egg nog, 200 gallons of chicken corn soup, 450 dozens of pickled eggs and 400 dozens of five cent bags of potato chips.

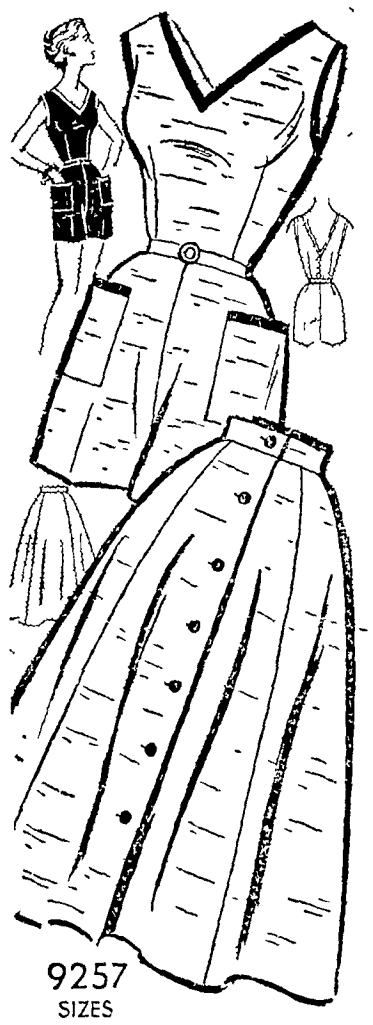
The Pennsylvania Poultry Festival will be the largest mass feeding ever undertaken by any other poultry festival in the East Those attending Hershey's agricultural events will receive the best nutritive food available at any national affair.

Bakeless Bake Sale Set By Farm Women

Society of Farm Women, Number 10 met on Saturday, August 2 at the home of Mrs William Wilson, Bareville R D 1 Society number 3 were guests The problem of Juvenile Delinquency was discussed

The meeting for September will be a bakeless bake sale at the home of Mrs Abram Miller, 1130 Farmingdale Road, Lancaster.

Printed Pattern



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10—20

by Marian Martin

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Penna. Flying Farmers Hosts At Plow Match

Pensylvania Flying Farmers have accepted the responsibility of acting as host for those who fly to the National Plowing Contest at Hershey, Pennsylvania, August 19, 20, 21, & 22 Doughnuts and coffee will be served by the Pennsylvania Flying Farmers and will be contributed by International Harvester Company.

Arrangements have been made by C A.A. to have those flying into Hershey to tune in on radio frequency 122 8 for instruction The pilot is not to call the airport but plan the normal landing pattern, but listen for landing instruction. This method will expedite more rapid movement of the smaller aircraft.

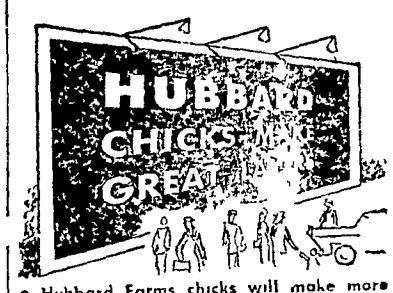
A full weather observation station wil be maintained by the weather bureau with normal half hour weather reports from Hershey. Teletype reports from surrounding area within 150 miles will be set up to give full up to the minute weather information.

Farm Women to Hold Annual Convention

Plans have been made to hold the annual convention of the twenty-four Societies of Farm Women on November 1 at the Hempfield High School, Landisville.

The executive committee which met recently on the lawn of the Coleram Baptist Church to make tentative plans urges each society to prepare items for a bazaar table which will be one of the features of the convention.

The next meeting of the executive commitee will be held on October 7 at the home of Mrs Levi Groff, Christiana



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Lancaster County 4-H Dairymen Compete For Show Honors

Youthful dairymen from Lancaster County vied for honors in the 4-H Dairy Club show on Friday, August 8, held in conjunction with the Southeastern Pennsylvania Black and White Show Competition was strong in all three divisions of the show

Fitting honors went to Carol Ann Krantz, New Providence, who won the grand champion rosette after being named fitting champ in the Ayrshire breed. E. Bruce Boyd Ephrata R1 was top showman of the event with wins in Holstein showmanship class and in the grand championship showmanship class.

The fitting title for the other breeds were as follows Jersey — Phyllis Landis, Oak View Rd Lancaster; Guernsey — Glenn Bushong, Columbia R2, who went on the win reserve championship in fitting; Holstein — Sandra Rutt, Stevens R1.

Reserve honors in showing went to Joan Paes, Strasburg R1, tapped earlier for honors in Ayrshire showmanship. Other showmanship honors were awarded as follows: Jersey — J. Paul Herr, Holtwood R1; Guernsey — Kenneth Garber, Willow Street R2.

Robert Mumma, Landisville, garnered three first places in Guernsey breed competition before going on to take both reserve and grand championship awards The Junior Yearling, Har-Len K Jean, won over Har-Lan A. 'Mamie, a two year old, and Har-Len A. Joy, a Junior Calf, both owned by the 16 yr. old dairyman

In addition to the Jersey showmanship award, J Paul Herr, collected breed honors with a two year old heifer named Emblem Thunder Betsy Design.

The senior yearling, Sesqua Manor Star Della, won the Holstein crown for her owner, J Glenn Hess, Washington Boro R1

Ralph E Harnish II, Christiana R1, showed the senior calf, Glenhurst, Dixie Pretty, to the championship of the Ayrshire breed.

The judge of the show, held on the ground of the SPABC, was Harry Poorbaugh, Assistant Director of Extension at The Pennsylvania State University. Show manager was Leroy Welk Hayes Hastings was ring marshal, and Bill Nockols was in charge of announcing.

Cattle selected for the 14 county district 4-H Dairy Club roundup will compete in the Guernsey Sales Pavilion, Lincoln Highway East, on August 28 Winners at the district show will be eligible to compete in the state finals.

JERSEY

Junior calf — 1 Karol Styer Drumore R1; 2. J. Paul Herr, Holtwood. Senior Calf — 1. Phyllis Landis, Lancaster; 2. Tom Halladay Jr., Kirkwood. Junior Yearling — Marian Herr, Holtwood; 2 Ruth Herr, Holtwood R1; 3. Alva Herr, Holtwood; 4. Lucille Kreider, Drumore; Senior Yearling — 1. Halladay. Two-year-old — J. Paul Herr.

AYRSHIRE

Junior Calf — 1 Florence Mae Flory, Manheim R3; 2. Joan S Paes, Strasburg R1; 3. Douglas C. Graybill, New Providence R1; 4. Barbara Ann Kupp, Manheim R3, 5. Carol Ann Krantz, New Providence. Senior Calf — Ralph E Harnish II, Christiana R1; 2. Earl D. Wenger, Manheim R3; 3. Roy D. Wenger, Manheim R3; 4. James Esbenshare, Quarryville R2; 5 Ned Paes, Strasburg R1. Junior Yearling — 1. George Neil Clark, Lititz R1; 2. Miss Paes; 3. Miss Kreider; 4. Glenn Stauffer, Lititz R1; 5. Miss Flory. Two-year-old — 1 Marilyn Harnish, Quarryville; 2. Miss Paes; 3. Miss Kreider; 4 Brubaker; 5. Miss Flory.

GUERNSEY

Junior Calf — 1. Robert Mumma, Landisville; 2. Marie Bushong Columbia R2; 3. Elaine Stoltzfus, Ronks R1; 4. C. Kenneth Young, Mount Joy R1; 5. Nancy Stoltzfus, Ronks R1 Senior Calf — 1, Richard R Ankrum, Peach Bottom; 2 Kenneth Garber, Willow Street R2; 4. H. Eugene Denlinger, Gordonville R1; 5. Robert Wagner, Quarryville R2. Junior Yearling — 1. Mumma; 2. Miss Garber; 3. Ankrum. 4. Marlin G. Schnupp, Lancaster; Senior Yearling — 1. William F. Ferguson, Kirkwood; 2. E. LaVerne Mull, Quarryville R1; 3. Mary Ellen Mumma, Landisville; 4. Clair Mull, Quarryville R1; 5. H. Ross Ferguson, Jr., Kirkwood. Two-year-old — 1. Mumma; 2. Ferguson; 3. William Ferguson.

HOLSTEIN

Junior Calf — 1. George Rutt Jr., Stevens R1; 2. Paul D. Trimble, Quarryville R1; 3. Daniel Derr, Mount Joy R2; 4. Donald B Trimble, Quarryville R1; 5. Londa Zurin, Mount Joy R2; Senior Calf — 1. Robert L. Fahnstock, Manheim R4; 2. Helen Wenger, Quarryville R1; 3. Levi Beiler, Manheim R1; 4. David D. Zimmerman Reinholds R1; 5. Donald L. Bollinger, Manheim R1. Junior Yearling — 1. Paul D. Welk, Strasburg R1; 2. Dandra J. Rutt, Stevens R1; 3. Linda Lou Welk, Strasburg R1; 4. George A. Rutt, Stevens R1; 5 Richard Geyer, Willow Street R2. Senior Yearling — 1. J Glenn Hess, Washington Boro R1, 2. Elvin E. Shelly, Manheim R1, 3 John D Zimmerman, Reinholds R1; 4. Gloria M. Shelly, Manheim R1; 5. J. Keneth Hess, Strasburg R1;

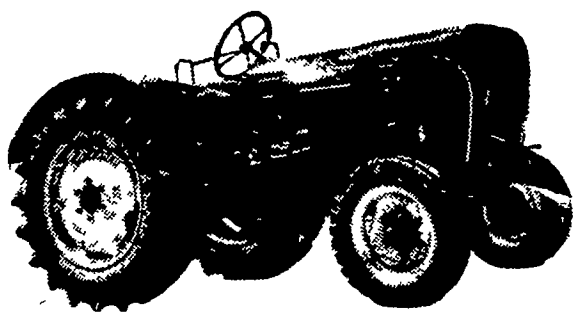
Two-year old — 1 Shelly; 2 Welk; 3. L. Burrell Andrews, Lancaster R7; 4. E. Robert Noll Jr., Lancaster R1.

CENTER OF ATTRACTION is Har-Len after she won the grand championship of her breed at the Lancaster County 4-H dairy show at the SPABC grounds on Friday, Aug. 8. She is shown here being held by her youthful owner, Robert Mumma, Landisville. On either side is a stable mate whom she had to beat to win the rosette she displays on her halter. On the left is Glenn Bushong, Columbia R2, showing the winner of the senior calf class, on the right, Robert Wagner, Quarryville R2, holds the halter strap of the two year old winner. (LF Photo)

135,000 Fewer Calves in 1958

The 1958 calf crop is expected to total 40 872,000 head which compares with 41,007,000 calves born in 1957, according to the Crop Reporting Board

This is four per cent below the 1954 record crop of 42,610.000 head and is the fourth consecutive decrease in the calf crop.



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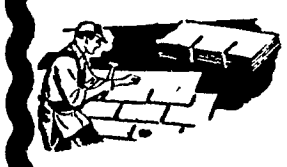

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That is, if you don't get on a "quality program." The time is very near when egg buyers will not take your eggs at any price if you don't have quality.

Here are four things you must do if you want to stay in the egg business:

1. First of all, you must use an all-pullet flock each year. Research has shown that a second year layer just cannot lay the quality egg that she did when she was in her pullet year, regardless of breeding or management. Many large egg buying organizations on the west coast will not take eggs from a flock that has laid over 12 months. This may very well be the case in the east in the very near future.

2. You must keep your eggs in a cellar where temperatures never rise above 65° at any time and where a relative humidity of 75 or 80% can be maintained. If you do not have such a cellar you have no other alternative than to put in a cooler.

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4. You must use a strain of chickens with bred-in egg quality. You would be amazed at the difference between strains.

We have just received word from one of the largest egg marketing organizations in the state that eggs from Greider flocks were some of the highest quality they received. We have been told the same thing by other buyers. But don't take our word for it, ask them!

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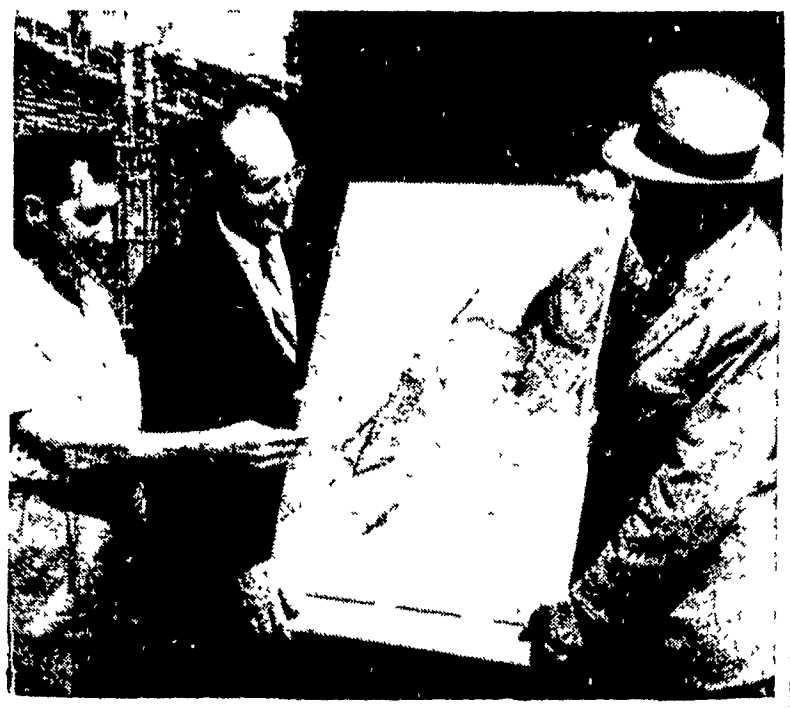


LELAND H. BULL, center, Pennsylvania Deputy Secretary of Agriculture and general chairman of the 16th National Plowing Contest and Conservation Exposition, and James Bobb, right, hold an aerial map of the exposition site as Hobart Sockman, State Soil Conservationist, points out a contest location The big free event will be held Aug 21 and 22 at Hershey, Pennsylvania Bobb, vice president of Hershey Estates, is chairman of the local arrangements committee for the exposition, first ever held east of Ohio. Sightseeing wagon train trails to 30 conservation demonstrations are outlined on the map

Skills Needed In Plow Match Says L. H. Bull

HERSHEY, Pa. — Uncanny skills in "cutting a neat furrow" will have the limelight when plowing champions from a dozen or more states vie for the national plowmen's crown here on August 21 and 22

What does a champion plowman have to do to win the title?

The answer is "plenty," according to Leland H. Bull, general chairman of the 16th National Plowing contest and Conservation Exposition

Thousands of farmers including Pennsylvania's Governor George M Leader, will be watching contour matches when contestants plow furrows along the curve of a hillside in limestoone loam soil on Thursday August 21

U S Secretary of Agriculture Ezra Taft Benson will be watching the next day when furrows will be plowed "straight as an arrow" in level land matches

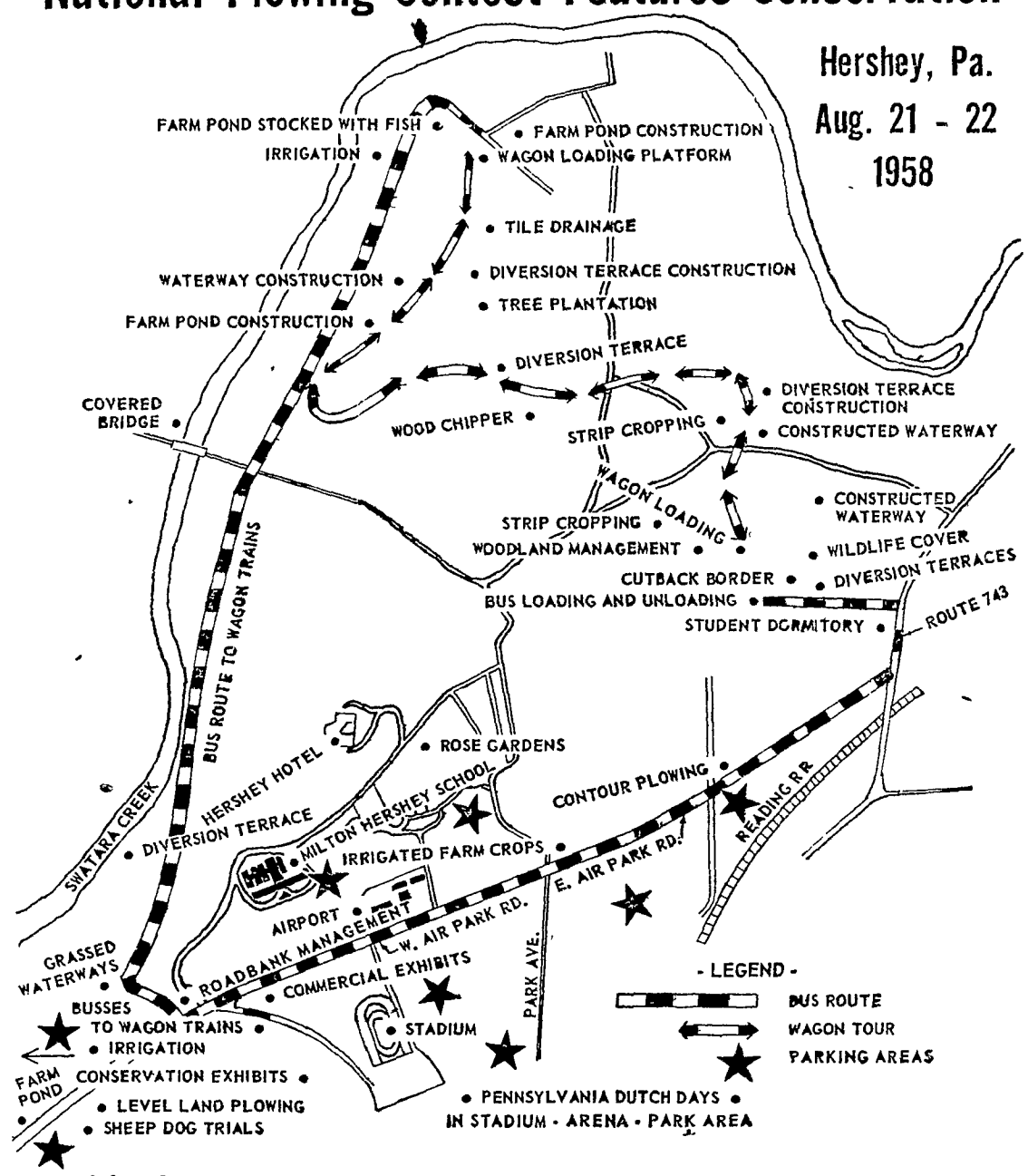
So keen is the competition that entrants will not use a borrowed tractor, says Bull They will bring their own machines over which they have perfect finger tip control, trucking them from Iowa, South Dakota and other distant home states

Tension runs high during the plowing events Official judges and good plowmen among the spectators will be watching each contestant to see that tractors are operated in a safe manner. Disregard of safety practices can disqualify contestants.

In the contour contest, scheduled for the first day , judges will checck for quick penetration and a first furrow that is not unduly rigid Other important factors

(Continued on page thirteen)

National Plowing Contest Features Conservation



Routes of free bus and wagon train tours and location of activities are shown on this map of the site of the 16th National Plowing Contest and Conservation Exposition Aug 21 and 22 at Hershey, Pennsylvania.

More than 2,500 acres of the 12,000-acre Milton Hershey Farms will be used for the exposition which, for the first time, is being held east of Ohio and on a single farming operation U S. contour and level land plowing champions will be selected and more than 30 modern conservation practices will be demonstrated at Hershey, 13 miles east of Harrisburg. Pennsylvania Dutch Days, a gay folk festival, coincides with the exposition.

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ROBERT E. GREGORY

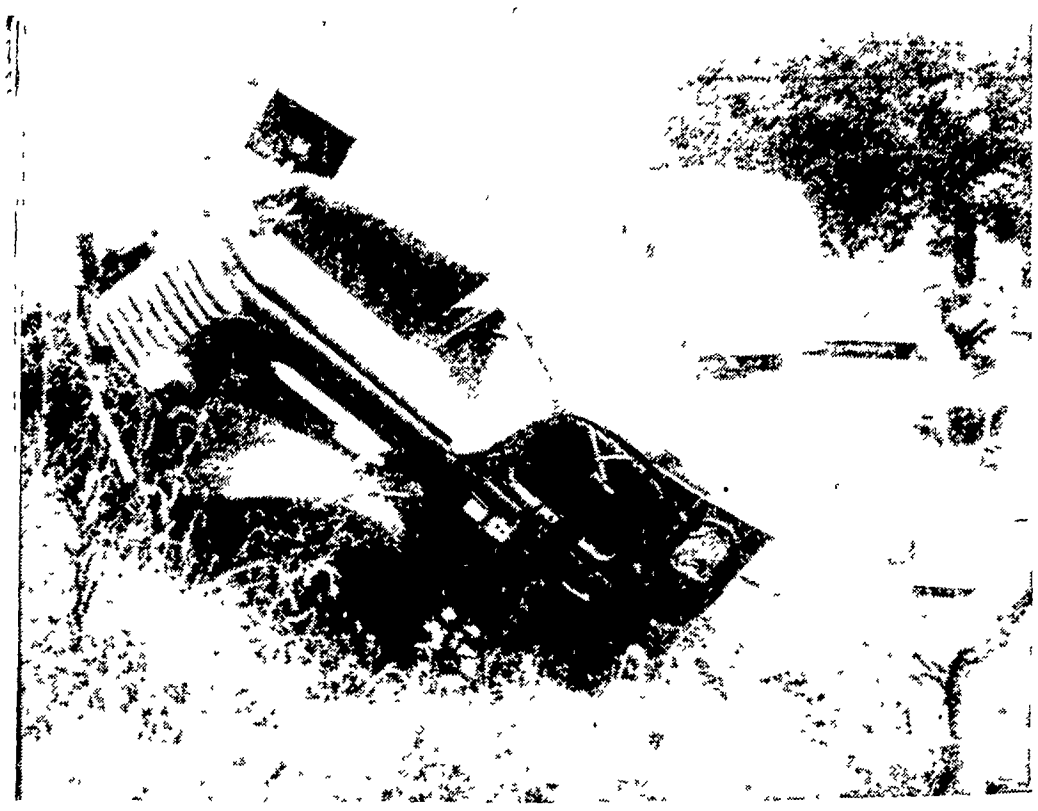
Miller & Bushong Announce New Representative

Miller & Bushong Inc feed manufacturers, Rohrerstown, Pa announce the addition to their staff of Robert Gregory, as representative in York and Adams County, Pa

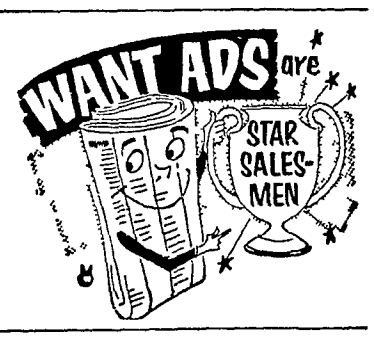
At present Gregory is instructor in Vocational Agriculture, Conrad Weiser Area Schools, Robesonia Berks County, Pa

Graduated from Pennsylvania State University in 1951 with a degree in Vocational Agriculture and Chemistry Gregory did post graduate work at Temple University in secondary school administration and at Pennsylvania State University in farm management.

Gregory and his wife the former Mary Alice Eshelman (Pennsylvania State Home Economist '51) of Berks County Pa have two daughters, one three and one-half years and the other one year old Now residing on a farm near Robesonia, Pa, they expect to make their home in York County



TOMATO JUICE unwanted was the situation when a tractor-trailer loaded with 15 tons of tomatoes went out of control and rolled over on route 222 a mile north of Refton last Thursday John F Pickel, driver of the truck was unhurt according to State Trooper Chester J Klobukowski who investigated the accident Pickel said a car and truck stopped ahead of him and when he veered to the right, his load of tomatoes shifted, causing the truck to flip over on its side The damage to the truck, owned by John L Fichtner, Quarryville R1, and the load of tomatoes was estimated at more than $2500.



Skill is Needed in Plowing Match

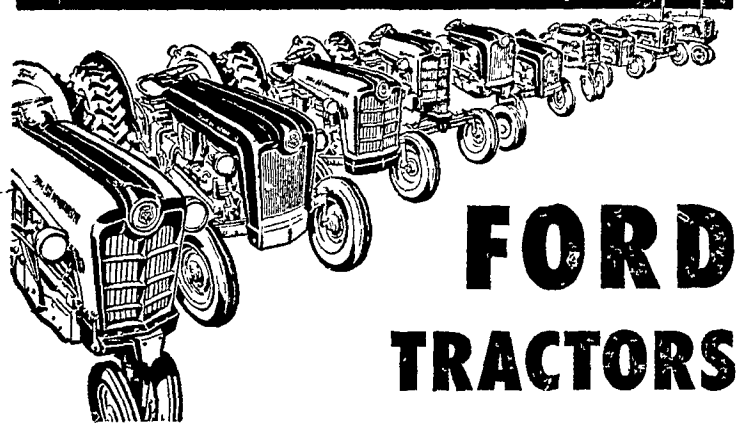
(Continued from page twelve)

are adhering to contour boundary, uniform depth, clean furrow wall, smooth furrow bottom, and neatness of furrow ends outside of waterways

Level land contestants will be rated on quick penetration furrow straightness, depression in center of furrow, uniform depth, adhering to boundary, smooth furrow bottom and many other points

Th top national plowmen selected at the 1958 'World Series of Agriculture at Hershey will represent the United States at the 7th World Ploughing Matches in Ireland next year The 1957 national winners, selected at Peebles, Ohio, will vie for world honors October 2 to 4 in West Germany

THE LINE THAT'S GREAT FOR '58!



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ROCKLAND KLEEN-KOW Cattle Fly Spray
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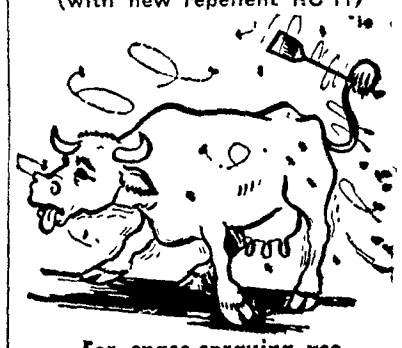

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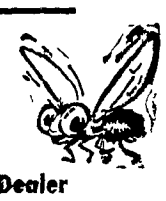

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Chicks with Large Thyroids Stand Heat Better, Beltsville Test Shows

Chicks with large thyroids resisted high temperatures better than those with small thyroids in four recent USDA tests at the Agricultural Research Center, Beltsville, Md New Hampshire chicks especially bred for large thyroids didn't lose as much weight or die in such large numbers. This suggests that the thyroid is involved in protecting chicks against high temperatures

The relationship between low environmental temperature and increased thyroid activity has long been known. But the exact role of the thyroid gland at all temperatures hasn't been clear. Tests by ARS poultry physiologist M. H Conner, nutritionist Henry Menge, and agricultural engineer Hajime Ota were run to provide more information on thyroids of chicks exposed to temperatures above 95°F. Response of adrenal glands was observed Body temperature and blood plasma pH changes were recorded in the test.

THE BASIC STUDY is contributing much to understanding how endocrine glands of chickens function under extreme environmental conditions.

Test chicks of both sexes were from two genetic lines of New Hampshires especially bred for difference in thyroid size All chicks were exposed to constant (24 hours a day) high temperatures in a poultry calorimeter Temperature, humidity, and rate of airflow were controlled. Birds were kept on litter. In all tests but one, chicks were put in the calorimeter at hatching time and kept at the desired temperature for four weeks

Incoming airflow was gradually increased in each test to allow for increase in respiratory and metabolic activity as chicks grew older Birds were given 14 hours of light daily.

Chicks with small thyroids didn't do as well during tests as chicks with large thyroids For instance, small-thyroid chicks weighed less after exposure to constant 95°F, than large thyroid chicks. In another test where birds were exposed to constant 100°F., the small-thyroid birds had a higher mortality rate (33 per cent more) than large-thyroid birds. Surviving small-thyroid chicks had smaller body and thyroid weights and significant adrenal enlargement. There was no change in adrenal weight of surviving large-thyroid chicks.

SMALL-THYROID BIRDS also suffered much greater mortality when exposed to an initial high temperature of 105°F., which was gradually lowered to 100°F. However, the high temperatures reduced body growth and thyroid size of even the large-thyroid birds.

Some of the small-thyroid birds died when exposed to a gradually increasing temperature range of 75° to 95°F. Deaths occurred at the higher temperatures. Body and thyroid weight of surviving birds were lower, and body temperature went up. Blood-plasma pH values were not changed.

High temperatures depressed the development of the thyroid gland in both gentic lines. But the thyroid-size difference between genetic lines wasn't changed Thus, thyroid activity appears important in protecting chicks against high temperature.

ASSAYS OF THYROID activity were performed on untreated chicks Those with large thyroids were found to secrete more thyroxine than those with small thyroids. Tests don't show if increased activity is proportional to the greater size of the glands or if it's a result of greater activity per unit of thyroid tissue. However, traced studies with radioactive iodine indicate the increased activity is a function of the thyroid mass.

The extent to which any gland is involved in response to any stress apparently depends upon the condition to which animals are exposed, and how other glands are involved.

For instance, high temperatures affected the size of the adrenal gland in only one test — when birds were exposed to constant 100°F. But it is known from tests elsewhere on unselected chicks that the adrenals enlarge consistently when the birds are forced to exercise to exhaustion. The thyroid gland may be more important than the adrenal gland in helping chicks resist death from too much heat. The adrenal gland, however, is more important in other cases

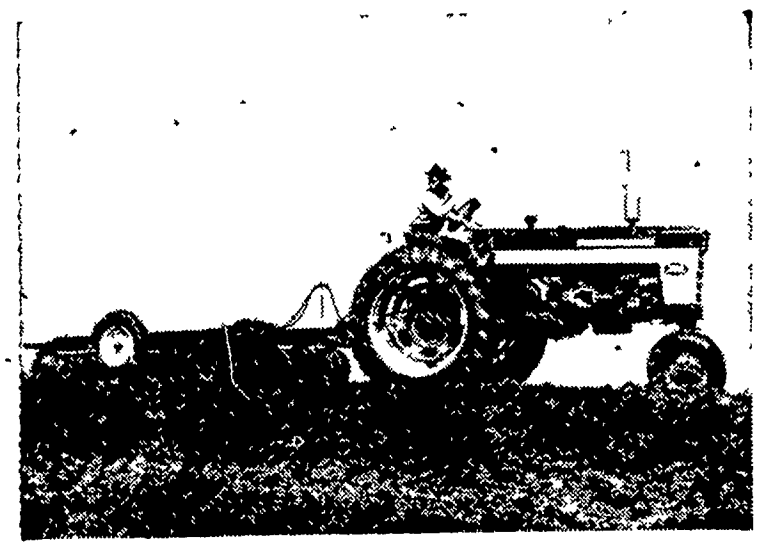
Studies are planned to clear up the role of the endocrine organs in chickens subjected to extremes of humidity and certain air impurities

Fink Is Vo-Ag Chief Assistant to be Derr

James E. Fink, vocational agriculture adviser for Beaver, Lawrence and Butler counties was named director of vocational agriculture for the State Department of Public Instruction on August 1. He succeeds H. C. Fetterolf who retired to his Columbia County farm last year after serving in the department for 49 years.

Fink, who lives at Newcastle, RD taught vocational agriculture in Indiana county before taking over the supervisory post more than 10 years ago.

George Derr, who has been acting chief since Fetterolf's retirement, wil become assistant in the department.



The International Harvester dealers of Lancaster county, recently joined 8,500 dealers and company sales personnel from every part of the United States and Canada for the introductory showing of Harvester's new line of farm and commercial wheel tractors. Changes in styling and design of the new tractors is indicated by this five-plow, six-cylinder Farmall 560, Largest of the line.

Fertilizer Value Not Dependent on Solubility

Whether or not a mixed fertilizer dissolved in water has little if any effect on crops.

To test the value of water soluble plant foods, experimental plots have been treated with mixed fertilizers of varying ability to dissolve in water and seeded to barley.

Despite considerable discussion on the subject of water soluble fertilizers, the important thing is that plants get the needed nutrients whether or not they dissolve in water.

Check Cleanliness Of Milk Equipment

Salt is used in a simple test to determine the cleanliness of stainless steel milking equipment, says Chester County Agent Robert A. Powers, Jr.

The test consists of first wetting the stainless steel surface and then sprinkling common ordinary table salt on the wettened surface. If the salt remains where it was put and does not run off or dissolve, the equipment is clean. If the salt dissolves, runs out in solution, the equipment is not clean.

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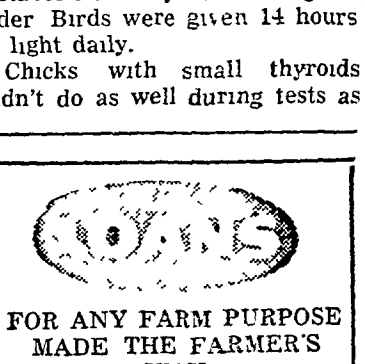

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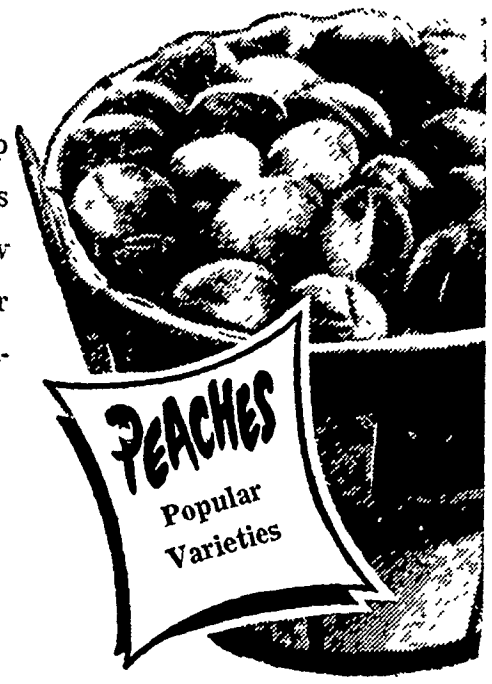
Phone: Lancaster Exchange
Our successor will continue the hardware line after taking over the stock.

KAUFFMAN'S PEACHES

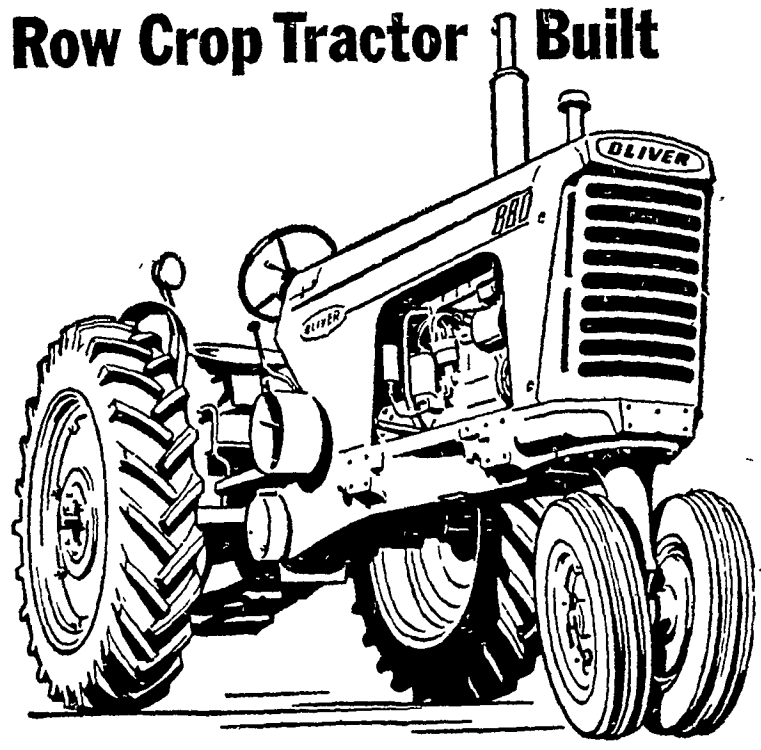
A Bountiful Crop of Large Luscious White and Yellow Freestone For Canning or Eating.

OPEN EVENINGS



A. L. Kauffman & Sons
BIRD-IN-HAND, PA. Ph. Intercourse SO 8-3631
(Midway Between Bird-in-Hand and Intercourse on Rt. 340)

New OLIVER 880 —Most Powerful Row Crop Tractor Built



Newest in its class and already the most spectacular performer of all! In official, nationally recognized tests this new Oliver 880 broke drawbar-pull records to become the *most powerful row crop tractor built today in both fuel types*—gasoline and diesel.

So, no matter which you pick, you get a champion—56.29 and 54.97 drawbar horsepower...7998 and 8118 pounds of drawbar pull.

That isn't all you get in the new 4-5 plow 880 and its row crop companion, the 3-4 plow 770. You have a choice of new power helps to make farming faster, easier and more profitable. One is Power-Booster Drive, which gives you almost one-third more pull for tough spots and 12 forward speeds. Another is Power-Traction Hitch, which transfers more weight to the rear wheels. Still others include Powerjuster wheels and full-time power steering.

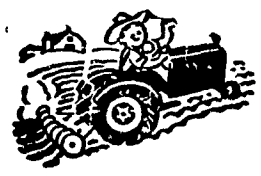
See the many extra advantages. See for yourself how much *more* you get in a new Oliver.

N. G. Hershey & Son
Manheim, RD. 1

J. B. Lapp
Atglen

Chas. J. McComsey & Sons
Hickory Hill, Pa.

Farmersville Equipment Co.
Ephrata, RD. 2



Classified Ads

Farm Equipment

J D WIRE TIE BALER with engine; J. D. hammermill with dust collector and bagger, J D. cornpicker to be used with J D model 50 or 520. Lot of used spring tooth harrows J U Neuhauser & Son, Bird-in-Hand

55 — one and two row mounted and pull type corn pickers Keener's Farm Machinery, Lanc, Ph EX 4-6414.

USED Coop & Sheppard diesels; Ford tractor w/plow and cultivator, N. H. harvester w/all attachments; Myers Stem crusher; 50 T I. H baler, ACD-14 tractor w/Henry backhoe & utility loader-slightly used

SNAVELY'S
New Holland EL 4 2214

L130 International truck Good condition. Hiestand, Inc, Marietta Ph. HA 6 9301

Corn Pickers
See us for John Deere or New Idea pickers Special price on a 127 J D. demonstrator to fit Model B. Ask for a demonstration on a Kool Blower
A. B. C Groff
New Holland
EL 4-8001

FOR SALE. — Concrete Stave Silos, Silo unloaders & Auger Feeders. Robert P. Farmer Oxford R2 Pa. Phone Oxford 706R1.

Miscellaneous

LADY for general housework in a physician's modern home All conveniences. Three days a week or live in. Call Lanc EX 4-3113

FOR SALE — New Cobbler potatoes Elam Lapp, RD1, Christiana. (½ mile east of Bartville)

FOR SALE. — Dual Seed Wheat Resistant to Hessian Fly Plant soon for fall pasture and next years grain Taking orders now for cleaning. A. Robert Stottlemyer, near Georgetown

Livestock

LEESPORT LIVESTOCK MARKET. Auction Every Wednesday 1 30 R. T. Richards—Operator & Mgr. Ph. WA 6-7484.

FOR SALE. — Purebred Shropshire and Cheviot Rams and Ram Lambs. Bred for Quality. Will Sire Vigorous, hardy lambs Amos K. Stoltzfus, Elverson, R2, Pa Ph AP 6-6231.

Mail Box Market

FOR SALE. Used crib and mattress, stroller. Ph Mt Joy OL 3 9052. E Kuhns.

USED Whirl-a-way and turba-jet egg washer, 110 volts $98 Mountville Atlas 5-5477

HORSES, Ponies boarded and trained Registered, certified, high class Angus cattle for sale, particularly excellent young bulls Freedom Hill Angus Breeders, Nalvon #1, Pa.

HELP WANTED—Reliable single man to work on dairy farm Must be experienced with dairy Call Oxford 125W, Leary H Prange, R D 1. Oxford, Pa

FOR SALE — 20 8 ft. poultry feeders, floor type without stand Roy B. Erb, 118 Kreider Ave., Lancaster.

Poultry & Supplies

3,000 CHOICE CAREY PULLETS starting to lay. Triple vaccinated. See these birds before you buy. Wilbur Erb, Mt Joy, R D. 1, Ph. OL 3-5923

3000 — 7 week old pullets Hiestand, Inc., Marietta, Ph. HA 6-9301.

STARTED PULLETS — well grown, vaccinated, carefully selected Kimberchik K-137 and Hubbard 496. Hubbard Farms, Manheim Pike, Lancaster Phone 2-2155.

Started Kimber Leghorn Pullets. 10 weeks to 22 weeks. Available now. Reich Poultry Farm, Marietta, Ph. HA 6-7123.

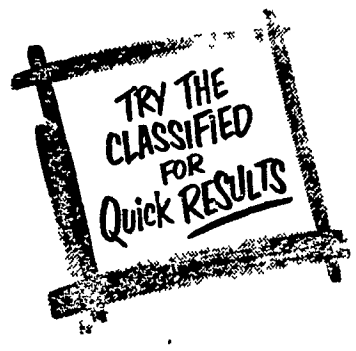
Legal Notice

EXECUTRICES NOTICE. Estate of Charles H Wittlinger, deceased, late of Lancaster City, Lancaster County, Pa.

Letters Testamentary on said estate having been granted to the undersigned, all persons indebted thereto are requested to make immediate payment, and those having claims or demands against the same will present them without delay for settlement to the undersigned, Marie Louise Zercher, 136 Old Dorwart Street, Lancaster, Pa., and Leora Jeanette Harnish, 2072 East Broad Street, East Petersburg, Pa, Executrices. Attorney: Arnold, Bricker, Beyer & Barnes.

Household Goods

FOR SALE. — Used gas stoves, priced low to sell, good condition, at town store, Ward Bottle Gas, 25 S. State St., Ephrata.



Classified Display

Frank L. Kreider & Son
General Contractor
Concrete - Blocks
New Barn Construction
Barn Cleaners
Stanchion Installation
R. D. 4. Lancaster, Pa
Ph. EX 3-1949 or EX 3-1081

Stanley H. Deiter
Auctioneer And Appraiser
LAMPETER
Ph. Lancaster EX 4-1796

For Service Call
Rawlinsville—
Butler 4-4592
PAUL H. HERR
R. D. 1
Holtwood, Pa.

ABS AMERICAN BREEDERS SERVICE

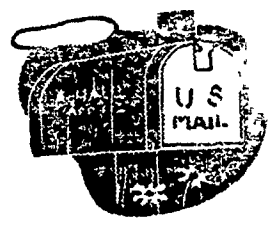
CHAIN SAW SERVICE CENTER
New & Used
Snavely's Farm Service
New Holland EL 4-2214

PUBLIC SALE
REAL ESTATE AND PERSONAL PROPERTY
SATURDAY, AUG. 16, 1958

Located along Route 30 at the West end of the Village of Vintage, midway between Lancaster and Coatesville.

A plot of ground approximately 90'x180' on which is erected a 6 room brick house with bath, laundry. Oil burning hot water heat; electric water heater, fireplace. Good roofs, spouting and paint. Macadam driveway, concrete basement, flagstone porch, shrubbery, roses, asparagus, and rhubarb, large lawn. Two car cement block garage. Full line of household goods, including Kelvinator electric stove, Philco refrigerator, I. H freezer, Maytag wringer washer, these four pieces like new. 1950 Plymouth, 30,000 original miles This is a well located and well kept property, that deserves your inspection Call Strasburg OV 7-5436 or Gap HI 2-4891.

Sale at 12 00 Noon. Real Estate at 2 00 P M
Terms by
J Ervin Denlinger,
Clarence E Denlinger,
Raymon E. Denlinger,
Executors of the Estate of E. W. Denlinger
Ralph W Eby, Jr, Atty
Diffenbach, Auct.



FREE!

Subscribers to Lancaster Farming will receive FREE one advertisement each month in our Mail Box Market

Subscribers using the MAIL BOX MARKET will be governed by the following rules

- Limit your advertisement to five lines which means not over 25 words.
- All Advertisements must be in our hands by Monday 6 P. M. or same will be held over for next week's paper.
- Only one advertisement each month.
- No business advertisements accepted for this column.
- You are allowed to run the advertisement one time. Send in no duplication.

Please mail all advertisements care of

MAIL BOX MARKET
QUARRYVILLE, PA.

GARDEN SPOT BABY BEEF SHOW AND SALE
UNION STOCK YARDS-LANCASTER, PA.
AUGUST 19 AND 20, 1958
These Prime Baby Beeves
WILL BE SOLD
WEDNESDAY, AUGUST 20
Auction starting 1:30 o'clock
The Garden Spot Baby Beef Club is Composed of Boys and Girls, Who are Children of the Beef Producers in this Feeding Area and Merit Your Support
EVERYBODY WELCOME
WILL BE LOOKING FOR YOU
ADMISSION FREE
Sponsored by Lancaster Live Stock Exchange

AIR PLANE SPRAYING
for
Tomatoes, Tobacco,
Sucker Control,
Corn Bore,
Corn Ear Worm,
Grass Fields.
LANCASTER AERO CROP SERVICE
Phone Mountville
ATlas 5-9207 ATlas 5-4783
"You Tried The Rest Now Get The Best"

P. B. GUERNSEY SALE
Thursday, August 21, 1958, 7 P. M. — E. D. S. T.
At the Association's Sales Pavilion, 6 miles East of Lancaster, Pa on Route No 30
60 HEAD
2 BULLS, 42 COWS, 16 BRED HEIFERS
Bangs' and T. B. Accredited — Majority Vaccinated
The Sale includes the entire dispersal of 30 head, owned by, Norman W Hitchens, Newark, Delaware Young Cows of good type. Added consignments from such leading herds as, Laurel Locks, Kimberton Farms, Pa Golden Harvest, Conn, etc Over half due in late summer and fall
This Sale offers an ideal opportunity to buy cattle which will be in heavy production during the highest priced milk season
DON'T MISS THIS SALE.
THE PENNSYLVANIA GUERNSEY BREEDERS' ASS'N.
P. O. Box 491, WM. H. JUZI, Business Mgr., Harrisburg, Pa.

New Holland Sales Stables

Horse Sale — Every Monday at 11 A. M.

Dairy Cattle and Hogs
Every Wednesday at 12:30

Beef Cattle and Calves
Every Thursday at 12:30

John H. Gingrich, Manager

Ph. New Holland EL 4-2194 New Holland, Pa.

PUBLIC AUCTION

Tuesday, August 19, 1958

PROMPTLY AT 6:00 P. M.

Shoat Sale at 8:00 P. M.

Sale of Fat Bulls, Steers, Cows, Calves and Hogs
Stocker and Feeder Steers and Bulls

We Get Top Market Prices for Your Livestock
Give us a call — HI 2-4181

VINTAGE SALES STABLES, INC.
VINTAGE, PA.
William Beam, Manager.

187TH GARDEN SPOT SALE
THURSDAY, AUGUST 21, 1958
Lancaster, Penna.

Sale held at the J M Brubaker farm located at the village of Willow Street Village, just off Rts 72 and 222, four miles south of Lancaster, Pa

75 REGISTERED HOLSTEINS

(Cows just fresh or close, bred and open heifers, service age bulls

T B Accred, Bang s Certified, 30 day blood tested, milkers mastitis tested

PLEASE NOTICE CAREFULLY THE QUALITY SELLING ! !

Clyde Hill Royal dtr with 505 fat 13,430 M, 2x 305 da Her dam is Osborndale Hilda Fobes with 1046 fat, 25370 M, 4 1/2 Due sale time to Osborndale Royal Patrick
Seymour Fisher, Hamilton N Y

420 lb fat dtr of Springbank Soverign Smithhaven out of dam with 675 lbs fat next dam with 150,000M Due sale time to Gr Champ N Y S Fair, 1957
I U Scott & Sons, Hamilton, N Y

559 lb 3 yr dtr of Hillmac Sovereign with 14 060 M Due at sale time to Maplebend Dean King Posch Also—2 top heifers due in early fall out of dams with 478 & 467 fat
Norman Bentley Lincoln U, Pa

502-lb 4 yr dtr of M F Sir Pride Adantha with 13 873 M on 2x Due to son of Pabst Reburke Duke out of famous dtr of Dunloggin Knight
George Rutt Stevens, Pa

Two sons of the great Mooiebell Wallis Ovation Sell ! ! She has 1121 fat 27,903 M at 5 yr Lifetime of 150 000 M to date She sold for $3575 in 1953 One son born March 1955and by C C Invincible The other was born March, 1956 and by hedge Adean Harmony
Frank Walch Hilltown, Pa

THE QUALITY THRUOUT IS SENSATIONAL ! !
MAKE YOUR PLANS TO ATTEND THIS SALE ! !

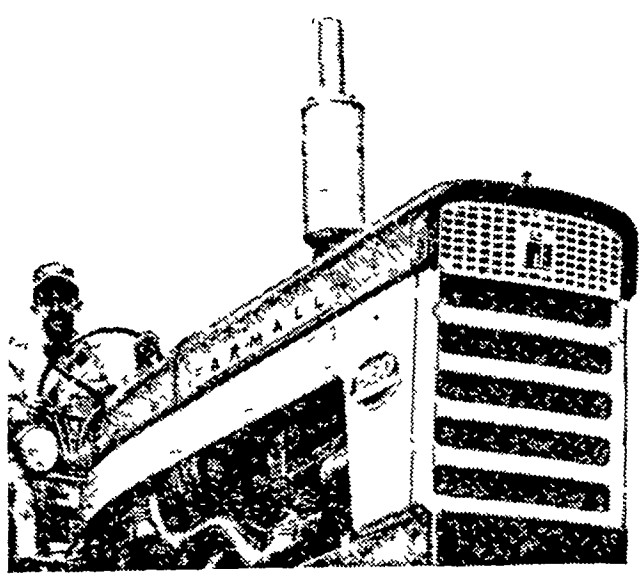
Sale must start 12 00 Noon Lunch available Catalogs

R AUSTIN BACKUS, INC
Sale Managers & Auctioneers
Mexico, New York

EARL L GROFF
Local Representative
Strasburg, Pa

You're invited to the **Gigantic** IH®

Field Demonstration . . .



IH INTERNATIONAL HARVESTER

MARCHES ON!

STEP INTO A NEW WORLD OF POWER

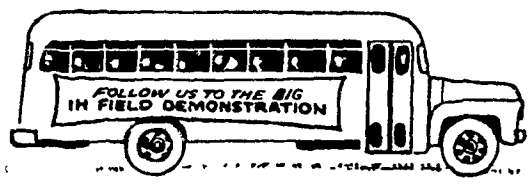
SEE AND TRY THE NEWEST, MIGHTIEST LINE OF FARMALL AND INTERNATIONAL TRACTORS AND EQUIPMENT IN ACTION AT

HERSHEY - August 27 and 28

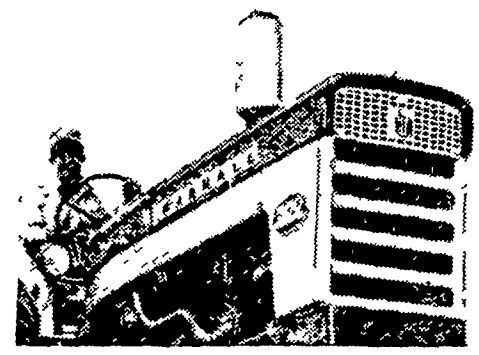
(The week following the National Plowing Contest)

Demonstrations Start at 10 A. M. at the Big I H Tent

Free Transportation



Be Sure To See Your Local Dealer And Make Reservations



A SIZE AND MODEL FOR EVERY CROP AND EVERY JOB

TAKE IT FROM YOUR LOCAL DEALER - WHO ATTENDED THE PREVIEW OF THIS GREAT NEW LINE AT CHICAGO-EVERYTHING YOU EVER ASKED FOR WILL BE AT THIS DEMONSTRATION

Don't Forget! See Your Dealer Today And Make Reservations For FREE Transportation To Attend This Gigantic Field Demonstration!

☆

J. B. HOSTETTER & SON
MT. JOY

D. L. DIEM & SONS
LITITZ

C. E. WILEY & SON
QUARRYVILLE - WAKEFIELD

J. PAUL NOLT
GAP

C. B. HOOBER
INTERCOURSE

DAVID KURTZ
MORGANTOWN

KAUFFMAN BROS.
MOUNTVILLE

COPE & WEAVER CO.
WILLOW STREET

McCORMICK FARM EQUIPMENT STORE
EPHRATA

MESSICK FARM EQUIP.
ELIZABETHTOWN

☆

Make the IH Exhibit Your Headquarters at the National Plowing Contest—Hershey, Pa.—The Week of August 18.